

THE ELECTRICAL WORKER

OFFICIAL JOURNAL

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS.

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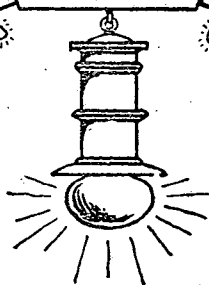
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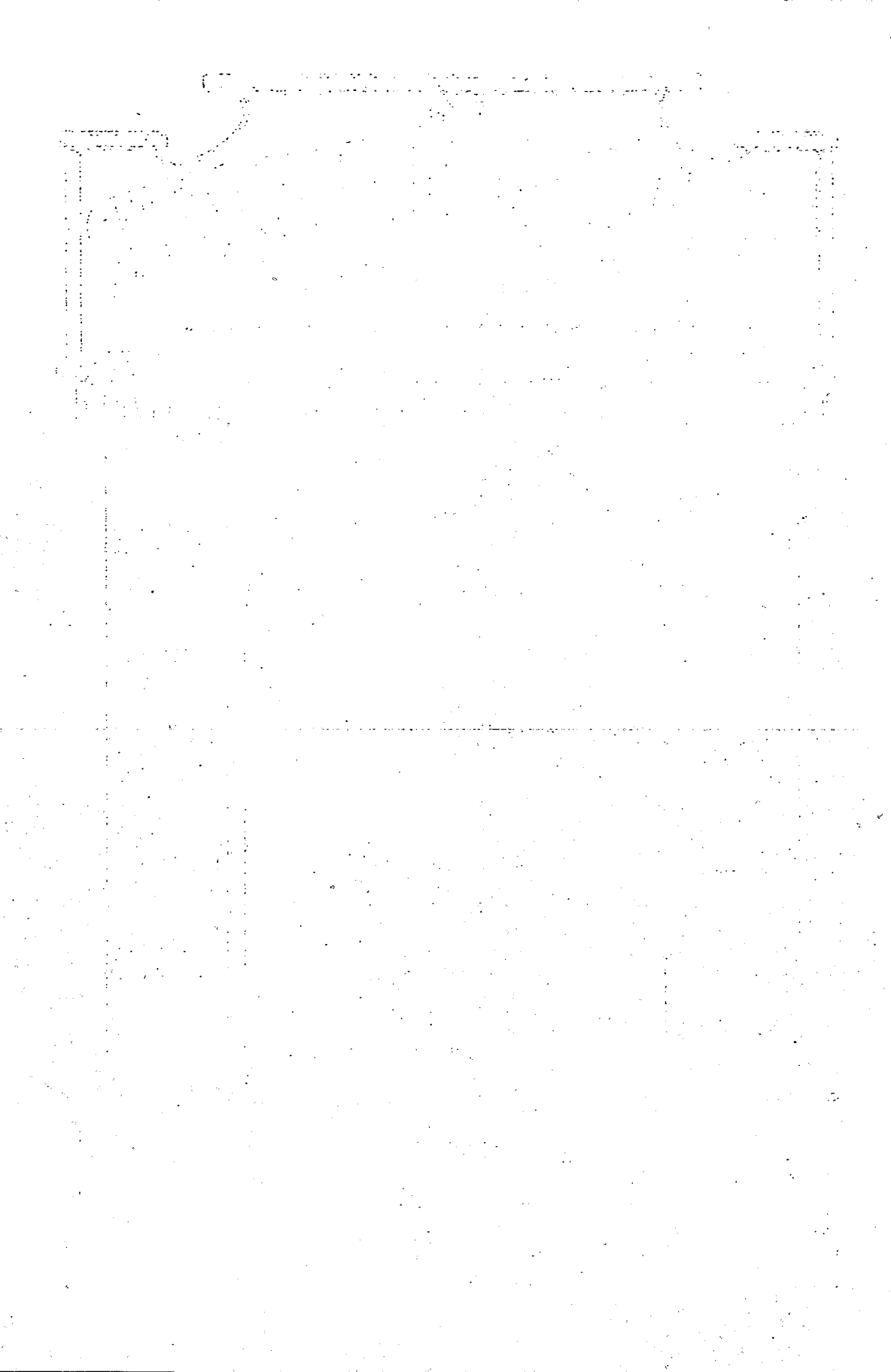


February, 1914

AFFILIATED WITH THE
AMERICAN FEDERATION
OF LABOR IN ALL ITS
DEPARTMENTS

DEVOTED TO THE CAUSE OF
ORGANIZED LABOR

EDUCATION



THE ELECTRICAL



WORKER

OFFICIAL JOURNAL
OF THE

International Brotherhood of Electrical Workers

Affiliated with the American Federation of Labor and
all Its Departments.

OWNED AND PUBLISHED BY
THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

CHAS. P. FORD, International Secretary,

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SPRINGFIELD, ILL.

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This Journal will not be held responsible for views expressed by correspondents.

The tenth of each month is the closing date; all copy must be in our hands on or before.

Second Class privilege applied for at the Post Office at Springfield, Illinois,
under Act of June 29th, 1906.



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THE ELECTRICAL WORKER

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VICTORY—JUSTICE

As we were about to go to press, we received the welcome news from our attorneys over the L. D. phone that the Supreme Court of the State of Ohio handed down a decision sustaining the Lower Courts in the seceders' appeal.

Thus ends the litigation started by the leaders of the Secession Movement through "Louis Geib" of Cleveland against the Brotherhood in May of 1908.

The decision of the Supreme Court sustains the position of our Loyal Members, our officers and the American Federation of Labor, who stood so loyally by our Brotherhood in its time of trouble.

The decision which will be published in full in the March issue of our Worker demonstrates that justice and right is bound to prevail, regardless the efforts of disrupters and character assassins who in order to promote their own selfish interests would tear asunder our Brotherhood which was built up through the efforts and sacrifice of our members during the past twenty-two years.

The decision has been anxiously awaited for by the entire Labor world, as it decides once and forever the right of any Labor organization to enforce its laws and compel its members to obey them.

It makes very clear the fact that the constitution of a Labor organization is a contract between it and its members, who forfeits all rights and interest in it, when they secede or discontinue their membership therein.

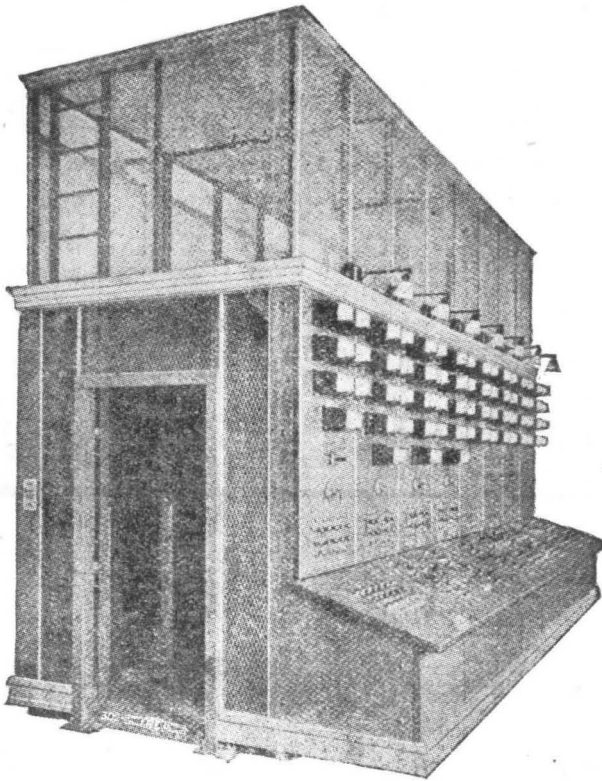
We will dwell on this important matter at greater length in the March issue of our Worker; after we have read the decision in detail. We know our members will rejoice with us in our hour of final victory which sounds the death knell of secession and means a greater and better International Brotherhood of Electrical Workers than ever before.

We trust that those who were misled by the false prophets of secession and who left our fold and who are still following the disrupters flag, will come back and co-operate with us in bettering the conditions of the Electrical Workers throughout our entire jurisdiction. We want them; they belong to us. We extend the hand of good fellowship, and fraternity to them, which we sincerely hope they will accept.

Phenominal Centralized Control System for Panama Canal Locks

The electrical specification, design and manufacture of the Panama Canal centralized control system may properly be regarded as one of those undertakings which, from an engineering standpoint, not only arouses a lively interest but also presents an opportunity for much valuable instruction. The interest results mainly from the immensity of the canal project itself, and the instruction from a consideration of methods employed to insure the passage of even the largest ships

mechanical engineer, Isthmian Canal Commission, assisted by a staff of able electrical engineers, including Mr. C. B. Larzelere, who was closely identified with the lock control problems, and Mr. W. R. McCann with the generation and distribution of power. These specifications exhibited great care and painstaking engineering. They contained every safeguard that expert engineers could suggest, were exact and explicit in regard to the results required, yet gave



2200-Volt A. C. Instrument and Control Board for Gatun Hydroelectric Station.

a float to cross the Isthmus with speed and safety. The complete operation of the canal locks, terminals and auxiliary equipment utilizes electrical energy throughout, with the present exception of the Panama railroad, the electrification of which is under contemplation.

The specifications for the entire generation, lock controlling and distribution system for operating the Panama canal were prepared under supervision of Mr. Edward Schildhauer, electrical and me-

chanical engineer, Isthmian Canal Commission, assisted by a staff of able electrical engineers, including Mr. C. B. Larzelere, who was closely identified with the lock control problems, and Mr. W. R. McCann with the generation and distribution of power. These specifications exhibited great care and painstaking engineering. They contained every safeguard that expert engineers could suggest, were exact and explicit in regard to the results required, yet gave

GENERATION AND DISTRIBUTION.

The power system for the operation of the locks, towing locomotives, lights for the locks and buildings, and motors not directly connected with the lock control, is composed of:

A 7,500 kilovoltampere, 2,200 volt hydroelectric power plant at the Gatun dam.

A 4,500 kilovoltampere, 2,200 volt Curtis turbo-generator electric power plant at Miraflores for emergency, lately used to supply power for construction work.

A double 44,000 volt transmission line across the isthmus, connecting Cristobal and Balboa with the two power plants.

Four 44,000-2,200 volt sub-stations, stepping down at Cristobal and Balboa, and up or down at Gatun and Miraflores, depending on which of the two plants is supplying power.

Thirty-six 2,200-240 volt transmission stations for power, traction and light at Gatun, Pedro Miguel and Miraflores locks.

two sets of buses. In the thirty-six transformer stations in the lock walls, the oil switches are hand operated. All 2,200 volt oil switches have disconnecting switches, so arranged that live parts are completely covered.

For the hand operated switches, a pipe framework supports vertical metal guides which carry the oil switch operating mechanism and slate base forming a section of the switchboard panel. On the guides a lever and toggle mechanism is mounted, by which the oil switch and slate base may be raised and lowered. Above the oil switch and mounted on the pipe framework a stationary cast iron base carries the disconnecting switch



Control House at Gatun, Where Lock Control Board Will Be Installed.

Three 2,200-220-110 volt transformer stations for the control boards at the locks.

Stations at Cristobal and Balboa for coal handling plants, machine shops, and dry docks.

The system of connection throughout employs a double bus, double switch scheme, with provision for disconnecting any oil switch for cleaning or repairs without interrupting the circuit. In the power house and the four 44,000-2,200 volt sub-stations, the oil switches are solenoid operated and are installed in concrete cells, above which are concrete fireproof compartments containing the

studs and insulators. The high tension leads run to the tops of the disconnecting switch studs, and the bottom of each stud is equipped with contact fingers. On the top of each oil switch stud is mounted a contact blade. When the oil switch is raised, these blades engage the contacts on the bottom of the disconnecting switch studs, with thus in the closed position form extensions of the oil switch studs. The disconnecting switch contacts are surrounded by insulated shields which prevent accidental contact. When the oil switch is lowered, it is completely isolated from the circuit. When the oil switch is raised, it always goes to a fixed

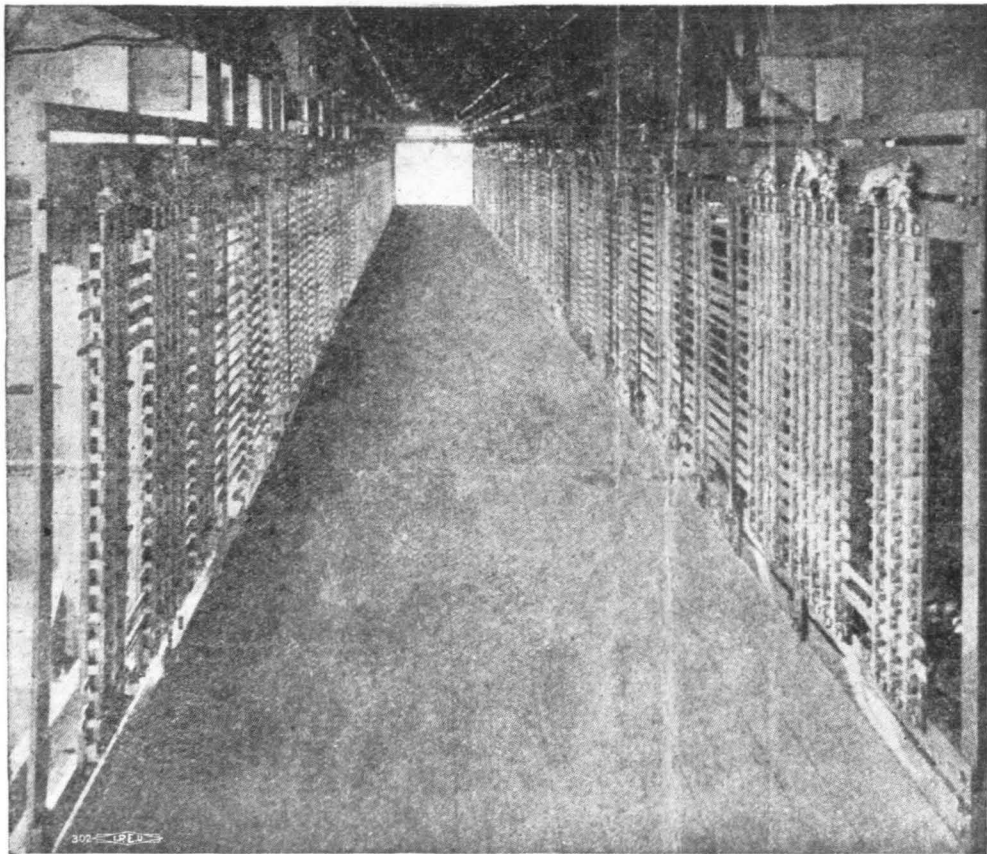
height, where it is latched. An interlock prevents the oil switch from being raised or lowered unless its contacts are opened precluding the circuit being closed or opened by the disconnecting switch. In some instances another interlock makes two single-throw switches a double-throw switch and prevents both switches being closed at the same time.

For solenoid operated switches, the same form of disconnecting switch is used; but the solenoid is stationary and the connecting mechanism to the oil

transmission line sub-stations are of the verticle type, which controls apparatus and mimic connections symmetrically arranged on the middle section of the panels. The rear of the board is enclosed by means of grill work with doors at each end.

POWER SUPPLY AND CONTROL PANELS FOR LOCK MACHINERY MOTORS.

Current for the lock machinery and towing locomotives is transformed from



Interlocking System Below of the Miraflores Board.

switch has a vertical slotted link which allows the oil switch to be raised and lowered without being disconnected from the solenoid mechanism. A mechanical interlock prevents the raising or lowering of an oil switch while in the closed position.

The instrument and control board for the Gatun generating station is of natural black slate, as are the switchboards for the power system. It is totally enclosed by means of grille work with doors at each end. The switchboards for the

the 2,200 volt system in the immediate vicinity of where it is used. There are a total of thirty-six transformer stations, for all locks, each containing duplicate 200 kilovoltampere, 3-phase 2,200-240 volt transformers for power and one single-phase 25 kilovoltampere 2,200-220-110 volt transformer for lighting. The stations normally fed from the 2,200 volt buses in the 44,000-2,200 volt substations, can also be operated from the power plants; the stations at Gatun locks from the Gatun hydroelectric station; and the stations at

Miraflores and Pedro Miguel from the Miraflores emergency steam plant.

To give an idea of the number, and sizes of motors to be controlled in operating the lock machinery, the following table is interesting:

LOCATION AND OPERATION OF LOCK MACHINERY.

From an operating standpoint the machinery was placed below the coping of the lock walls, thus affording a clear

Machines and Operation	Motors each Machine and H. P.	Number of Motors				Total Horse Power
		Gatun	Ped. M.	Mira.	Tot.	
Miter gate, moving, each leaf ..	1—25	40	24	28	92	2300
Miter gate, miter forcing	1—7	20	12	14	46	322
Fender chain, main pump	1—70	16	16	16	48	3360
Fender chain, operating valve ..	1— ½	16	16	16	48	24
Rising stem gate valve	1—40	56	24	36	116	4640
Cylindrical valve	1—7	60	20	40	120	840
Guard valve	1—25	6	6	6	18	450
Auxiliary culvert valve	1—7	4	4	4	12	84
		218	122	160	500	12020

There are many motors not included above, as, for instance, those for the spillway gates, for the hand rails on the mitering gates and for the sump pumps. The spillway gates are remote controlled from a special control board, and the control of the hand rail motors is given in connection with the discussion of mitering gates.

The motors are started and controlled by contractor panels located near them, the contractors of which handle the main motor currents. These contractors are controlled from the central control house. The smallest motors, including those for cylindrical valves, auxiliary culvert valves and miter forcing, are started by being thrown directly on the line. Two double-pole contractors are used, one for forward and one for reverse. In the case of larger motors for mitergate moving, rising stem valves and guard valves, a starting point with resistance in two legs of the three-phase circuit is provided.

In all cases the contactors are operated from the control boards—to be described later—by three wires, one for forward, one for reverse and a common return. In the case of panels having a starting point, the period during which the motor remains on the resistance is automatically controlled by a dashpot, so that the starting operation at the control house is the same, simply energizing a forward or reverse wire as the case may be. The control connections are arranged in such a manner that each individual machine may be controlled locally. This arrangement provides for emergency operation should the control circuits from the central control house be out of order.

space for maneuvering ships and protecting the apparatus from the weather without erecting numerous houses.

The mitering gates consist of two massive leaves pivoted on the lock walls, which operate independently of each other. A pair of gates is located where each change of level occurs and divides the locks into 1,000 foot chambers. In addition to these gates, at lake and ocean ends are duplicate parts of gates, used as guard gates. To handle the vessels of various sizes with the minimum use of water, mitering gates of the same description as those above are installed, dividing 1,000-foot locks into two compartments. These gates are termed intermediate mitering gates. When the mitering gates are closed they are what might be termed clamped in this position by a device called a miter forcing machine.

On the top of all miter gates a foot walk with hand rails is provided. When the gates are opened and in the recesses provided for them in the lock walls, these hand rails would interfere with the passing of the towing locomotives, except in the case of the lower guard gates. The hand rails are therefore made to be raised and lowered. This is done by a motor under the foot walk, controlled by the lock wall. Near the approach to each foot walk a controller being operated by a foot push. If the gates are closed and the hand rails are down, and it is desired to cross the gates the foot push is pressed and the hand rails are raised by their motors. This is true not only of the hand rails on the nearer gate leaf, but of the hand rails of the farther leaf as well. After passing across, one can, if one desires, press the foot push on the other side and both hand rails will be lowered. Or, if one leaves the hand rail up and the gates are opened by the

operator in the control house, they will be automatically lowered so as to be out of the way when the gate is in the recess. When the gates are again closed, the hand rails will automatically rise again if the foot controller has been operated in the meantime. The hand rails cannot be raised when the gates are opened, and no harm results if the foot switch is operated while the gates are in the closed position.

The chain fenders are stretched across the canal in front of all mitering gates which can be exposed to the upper lock level and also in front of the guard gates at the lower end. These chains are maintained in a taught position when the gates behind are closed, and are lowered when the gates are opened for the passage of a ship. The chains are raised and lowered by a method similar to that followed in hydraulic elevators, with the additional feature that if a ship approaches the gates at a dangerous speed and rams into the chain, the chain is paid out in such a way as gradually stop the ship before it reaches the gates. Lowering the chain for the passage of a vessel and raising it again after the vessel has passed is accomplished by two motors; one driving the main pump supplying water under pressure, and the other operating a valve which controls the direction of movement of the chain. These two operations are combined in one, each motor being stopped automatically by a limit switch when the motor has performed its function.

The filling and emptying of the locks is accomplished by three culverts, one in the middle wall and one in each side wall, the flow of water being controlled by rising stem valves. They are located in the culverts at points opposite each end of each lock so that the culvert can be shut off at any desired point for filling a lock with water from above, or upstream, or for emptying it by allowing it to flow out and down to the next lock. Lateral culverts conduct the water from the main culverts, under the lock chambers, and up through openings in the lock floors.

The rising stem valves are installed in pairs, and each pair is in duplicate; also each culvert is divided into two parallel halves at these valves by a vertical wall. This arrangement reduces the size of each valve and makes it more easily operated, each valve being 8x18 feet. One pair of duplicates is left open as a guard, or reserve pair; the other pair is used for operating, so that in case of an obstruction in the culvert or accident to the machinery, the duplicate pair can be used.

At the upper ends of the culverts at

the side walls, the duplication is accomplished by three valves in parallel, called the guard valves. They perform service exactly similar to the rising stem valves, except that three valves in parallel in this case must conform to the same laws as the two in parallel in the other case.

The culvert in the middle wall must serve the locks on both sides, and to control this feature cylindrical valves are placed in the lateral culverts that branch out on each side. There are ten of these on each side of the culvert at each lock.

At the upper end of each set of locks, there are two valves in the side wall for regulating the height of water between the upper gate and upper guard gate, as it is desired to maintain the level of the water between these gates at an elevation intermediate between that of the lake above and that of the upper lock when the upper lock is not at the same level as the lake. These valves are called the auxiliary culvert valves.

REASONS FOR USING THE CONTROL SYSTEM ADOPTED.

As the flight of locks at Gatun, for instance, extends over approximately 6,200 feet, and the principal operating machines are distributed over a distance of about 4,000 feet, it can be readily seen that central mechanical transmission of control of machines would be almost impossible; and to control the machines locally would mean a large operating force distributed practically along the full length of the locks, which has invariably been the practice heretofore. Such a force would be difficult to co-ordinate into an efficient operating system. The situation, therefore, resolved itself into centralized electrical control, which reduces the number of operators, operating expense, and liability to accident. To accomplish the system of control, a control board for each lock was constructed which permitted having all control switches located thereon mechanically interlocked so as to minimize, if not entirely prevent, the errors of human manipulations.

CENTRALIZED CONTROL AND INDICATING SYSTEM.

The control boards are installed in control houses located on the middle walls at points which afford the best view of the locks, although this view is not depended on to know the position of the gates or other apparatus, as all are provided with indicators on the control board. The control boards are made approximately operating miniatures of the locks themselves, and are arranged with indicating devices which will always show the position of the valves, lock gate

chains, and water levels in the various lock chambers; and with the exception of such machinery as needs only an "open" or "closed" indication, the indications will be synchronous with the movement of the lock machinery.

For such indication, appliances with commutators, multiple contacts or ratchet mechanisms would not be suitable because of the many contacts and small pieces of their construction; and particularly because devices of this character move step by step and would not indicate all points in the movement of the main machinery, such indications being more or less approximate according to the number of steps in the indicating devices. The indicators of the Panama control board were developed especially for this undertaking, and show accurately and synchronously every movement of the machinery to which they are connected, whether in the extremes of travel or at any intermediate point.

A complete synchronous indicator consists of a transmitter located at and operated by the machine in the lock wall, and a receiver operating an indicator at the switchboard in the control house. Both transmitter and receiver have a stationary and a rotating part. The stators have three-phase windings with leads from three corresponding equidistant points brought out and connected together, but not connected to a source of power, the stator coils being energized by induction from the rotors. The rotors are bipolar and are connected in multiple and energized from a 110-volt 25-cycle single-phase source.

The movement of the lock machinery and with it the connected transmitter rotor produces a field in the transmitter stator polarized in the direction of the rotor axis, which induces voltage in the stator coils. This voltage is transmitted by the three-phase connection above mentioned to the receiver stator coils and duplicates in them, but in the reverse direction, the same conditions of polarity and voltage as present in the transmitter. The rotor of the receiver being energized by the external source in the same direction as that of the transmitter is reacted upon by the polarized receiver stator until the magnetic axes coincide and the rotors of both transmitter and receiver are in the same relative position. Any difference in the position of the transmitter and receiver rotors causes a difference of potential between the stator windings with a consequent flow of current and resultant torque, which again moves the receiver rotor to the same relative position as that of the transmitter rotor. The receiver rotor follows closely and smoothly the movement of the trans-

mitter rotor, and consequently imparts to the position indicator a movement identical with the movement of the lock machine, although on a scale reduced to the requirements of the control board. A brief description of the individual synchronous indicators follows.

In the case of the mitering gates, the vertical operating shaft is connected to a shaft which operates the transmitter machine. The latter shaft is threaded and carries a nut on which is mounted a rack. The rack engages a gear on the rotor shaft, and this turns the rotor as the gates operate. The mitering gate indicator comprises a pair of aluminum leaves, shaped to correspond to the plain view of the top of the gate, which travel horizontally just above the top of the board, the hinge ends being connected to shafts extending down through the surface of the board where they are geared to the receivers by means of bevel gears. When the miniature gates are completely opened, they are covered by shields to give the effect of the gates folding back into recesses in the lock walls.

For the chain fender, the position indicator transmitter is driven by the shaft which operates the limit switch that controls the stroke of the piston. The indication on the board is given by a small aluminum chain, which like the large chain, is raised and lowered, each end operating independently, the large chain being lowered to the bottom of the lock and the small chain into a slot on the control board. The ends of the miniature chain are fastened to semaphore arms which are connected to segmental gears meshing with the driving gears on the receiver machines. As the receiver rotors turn, the chain is either lifted or lowered, the position of the large chain from the bottom of the lock being indicated by the angle of the semaphore arms.

As the rising stem valves occur in pairs, their position indicator machines occur in pairs also. The transmitter rotor is driven by a shaft and gearing similar to that described for the mitering gates. Each indicator is similar to a small elevator, a car being used to indicate the position of the valve gate. Both front and back of the shaft is fitted with opal glass marked with black lines for the 1-4, 1-2 and 3-4 positions. A small aluminum cage moves up and down in each compartment. A drum for operating the cord which raises and lowers the cage is located underneath the control board and is operated by the receiver through a suitable train of gears. To make the indications visible from points up and down the control board, the ele-

vator shaft under each car is always illuminated and the portion above is dark.

WATER LEVEL INDICATORS.

The specifications covering the water level indication required an accuracy of 1-20 of a foot or 1-10 of 1 per cent in actual water level. In the transmitters and receivers for the machines described previously, the rotors turn less than 180 degrees with an inherent lag of $1\frac{1}{2}$ per cent between transmitter and receiver rotors in this distance, which obviously prevents this arrangement from being employed to give the water level indication.

It was found that if the rotors were revolved ten complete revolutions, the required accuracy could be obtained; but since the arrangement makes it possible for the rotors to be in synchronism every 180 degrees, or in twenty different positions for the entire travel, the indicators would not indicate correctly if for some reason the transmitter rotors were turned more than $\frac{1}{2}$ revolution with the power off. Therefore, the required accuracy was obtained by two sets of transmitters and receivers, one set connected to a fine index in which the rotors make ten complete revolutions and the other set connected to a coarse index operating less than 180 degrees.

The fine index is a hollow cylinder carrying a pointer, the length of the cylinder being such that when an aluminum ball representing the coarse index, which can be depended upon for coarse indication, is within the limits of the cylinder, the reading of the fine index is correct within the limits specified. The scales are illuminated by lamps in both base and top caps of the indicator.

For water level indication, wells 36 inches square in the lock walls with communication to the lock by a small opening at the bottom of the well to dampen surges contain a welded steel box float, 30 inches square by 9 inches deep. A non-slipping phosphor bronze belt transmits the movement of the float to a sheave fitted with pins on the transmitter mechanism, the pins registering with holes punched in the belt. The sheave shaft is carried in ball bearings with oil cups for lubrication and drainage cocks at the bottom of the bearings.

The position of the miter forcing machine is not indicated by synchronous indicators, but its open and closed positions are shown by red and green lights and a mechanical indicator on the control board representing the machine.

CONTROL BOARDS REPRESENT LOCKS IN MINIATURE.

The control boards are of the flat top benchboard type, 32 inches high by 54 inches wide, built in sections, with total lengths as follows:

Gatum	64 feet.
Pedro Miguel	36 feet.
Miraflores	52 feet.

The side and center walls of the locks are represented by cast iron plates and the water in the locks by blue Vermont marble slabs. The outer edge of the board is surrounded by a brass trim rail, and the sides are enclosed with steel plates which can be readily removed for inspection of the board. The control board is supported by a wrought iron framework resting on base castings, which are in turn supported on the operating floor of the control house.

The control switch handles are mounted above the surface of the board and operate through an angle of 90 degrees. They are provided with nameplates for the "open," "closed" and "off" positions. The space immediately below the flat top of the control board is occupied by the contact fingers of the control switches, mounted on the operating shaft, synchronous receivers and their cable connections. Connection boards are provided for the cables, which are led up from each side, as are buses for supplying current to the control switches, receivers and the lamps that illuminate the scales of indicators. The receivers, transmitters and lamps are operated at 110 volts, while the control circuits are 220 volts, both using 25 cycle alternating current.

MECHANICAL INTERLOCKING SYSTEM.

In order to make it necessary for the operator to maneuver the control switch handles always in a certain order, corresponding to a predetermined sequence of operation of the lock machinery, and to prevent the operator in control of one channel from interfering with the machinery under the jurisdiction of the operator controlling the other channel, these control switches are provided with interlocks. The interlocks are in two vertical racks under each edge of the board and some distance below, so that they may be inspected and oiled from a floor which is about seven feet below the floor on which the switchboard operator stands. The latter floor does not extend across under the board, this space being open so that all parts on the underside of the board are accessible from the floor below.

Vertical shafts operated by connecting rods from the control switch shafts extend downward past the electrical parts

for the operation of the interlocks. The interlock system is essentially a bell crank mechanism, connecting the shaft of the control switch through a movable horizontal bar to a vertical operating shaft which can or can not move according to the relative positions of the interlocking bars and dogs. The interlocking rack is a steel frame carrying five horizontal members. Upon these and tying them together are vertical steel straps which carry brass runway posts for the vertical and horizontal interlock bars. These posts are riveted to the vertical steel straps, a thin brass plate between posts and straps making the runways non-corrosive. The vertical operating shafts are of square steel turned on the ends and work in brass bearings near top and bottom of the interlocking rack. Forked cranks mounted on the vertical operating shafts move the horizontal interlock bars by means of pivot blocks set over pin blocks riveted to the horizontal bar. The interlock bars and dogs are of special shape hard extruded brass, which section keeps the dogs in line with the axis of the bars when under pressure by being engaged with another dog on a vertical bar. Every control switch uses a horizontal bar of from 3 to 50 feet long.

The interlock system depends mainly on the action of engaging bevel dogs located on horizontal and vertical bars, the movement of a horizontal bar tending to lift a vertical bar by bevels on the dogs. A horizontal bar can not be moved without raising a vertical bar. Thus if at any time a dog on a horizontal bar rests against the upper end of a dog on a vertical bar, no movement of the horizontal bar where the dog engages with the vertical bar can take place, and the control handle connected to that particular horizontal bar is locked.

Interlocks prevent the chain fender from being lowered until adjacent mitering gates have been opened, and also prevent the gates being opened until the chain is in the raised position. In this way it is assured that the chain fender will always be in the up position to protect the gate when the gate is closed. To avoid unnecessary complication, each end of the chain is interlocked with the leaf on its side of the lock only, because as a rule both leaves of a gate, as well as both ends of a fender chain, will be opened simultaneously, and further interlocking is unnecessary. After the mitering gates are closed, a miter forcing machine is operated by a control handle and locks the ends of the gates closed. This machine cannot be operated until the gates are closed.

Also the rising stem valves of the side wall, next above or below a miter gate, must be closed while the miter forcing machine is open. As the miter forcing machine cannot be closed until the gates are closed, this means that the valves either above or below the gate must remain closed until the gate itself is closed, thus preventing the operator from creating a current of water around the gates while they are open, or being moved in opening or closing. This interlock is not included on the middle wall valves for the reason that they will be used with the locks on either side and must be free for that purpose.

Either pair of rising stem valves may be opened first, at the choice of the operator, an interlock becoming effective when the first valve of the second pair of duplicate is opened. This is done by a novel arrangement of equalizing levers acting against the ends of the interlock bars, with certain definite amount of lost motion which is taken up on the opening of the first pair of valves, thus putting the interlocks in operation on the next pair. To illustrate this operation consider, for example, a side wall culvert at Gatun with its principal rising stem valves at each change of lever from one lock to the next. The control of these valves is interlocked so that if the valves are opened at one particular point, the valves a lock length upstream or downstream cannot be opened. Thus the operator is limited to equalizing the water between locks and cannot allow water to flow from the upper lock past the middle lock into the lower lock, which operation, if permitted, might flood the lower lock walls and the machinery chambers in them. The cylindrical valves are interlocked so that if those on one side are opened the ones on the other side are locked closed, and the opening of one switch on a side will lock the opposite ten. This prevents careless cross filling between locks, which operation might be combined with the regular method and produce flooding. However, there may be times when it is desirable to employ cross filling to economize in the use of water from Lake Gatun in the dry season. For this reason this interlock is made removable by the use of a Yale lock and key. The key will be placed in the hands of the chief operator.

In the use of the middle wall culvert, the cylindrical valves on one side or the other must be opened before the rising stem valves can be opened, and the rising stem valves must be closed first. This interlock is applied in order to require the operator to control the flow of water

by means of the rising stem valves rather than by the cylindrical valves.

In most cases the locks are divided into unequal parts by the intermediate mitring gates. This arrangement makes it necessary to divide the ten cylindrical valves into two groups of seven and three, respectively, for the long and short lengths. A selecting lever is provided for these interlocks and may be set as indicated by a nameplate on the lever to "three," "seven" or "ten" respectively; whereupon the corresponding valves are subject to that interlock, and the others of the group of ten are locked closed if three or seven only are to be used. The failure of the operator to make his selection properly in advance will simply cause him the trouble of going back and doing so, as the remaining valves are locked closed. This arrangement permits handling small vessels in the large chambers. If a short vessel were being first passed down-stream, it would first pass into the chamber having three cylinder valves. The group selective lever would then be placed on the "three" position which would permit the opening of three valves above the intermediate gate, but would lock closed the other seven valves above it. After the vessel had been passed below the gate the handle may be reversed, releasing the lever and locking three switches.

There are intermediate rising stem valves in the side walls at each intermediate gate, but no interlocks are applied to those for the reason that they will be used in a more or less irregular manner, and no fixed laws for their operation can be made in advance. Moreover, they control the water only between different sections of the same lock, and there is not the danger from mistakes in operation which exists in the case of the other valves which control water between lock levels. The same is true of the small auxiliary culvert valves, by means of which the space between the upper guard gate and upper main gate is filled and emptied.

In case a large vessel is to be locked through, the interlocks on the intermediate gates can be made ineffective by the operation of a Yale lock which uncouples a clutch and disconnects the central switch from the operating mechanism. Turning the key removes the interlock and permits the intermediate gates to be thrown open to obtain a 1000-foot level and the valves operated independently of these gates.

To obviate the possibility of flooding the locks when valves are in a certain position, diagonal interlocking is introduced between the rising stem valves of the side wall and those of the middle

wall a lock length away. This interlocking between valves diagonally across a lock when the cylindrical valves are open is needed to prevent the flow of water from, say, the upper lock by way of a side wall culvert to the middle lock, thence by way of the middle wall culvert to the lower lock, thus allowing an operator through carelessness to flood the lower lock walls. If they cylindrical valves of a certain lock are closed, the interlock is not needed on the rising stem valves of that lock; and since such interlock would interfere with the proper use of the valves of its twin lock on the other side of the middle wall, this interlock is automatically removed when all ten cylindrical valves are closed on the particular lock in question, and is automatically applied again if one or more of the ten cylindrical valves are opened. Furthermore, the valves of the side wall immediately at the gate which is being moved will be open to equalize water level, and diagonal interlocking will prevent the opening of the middle wall valves a lock length above or below the gate being moved. Each of the four valves of such a group has independent control, their control switches being so interlocked that either pair may be opened and left open as guard valves, the interlocks becoming effective when the operator tries to open the first valve of the second pair. In addition to these pairs of valves in parallel, each pair is duplicated at each change of level from one lock to the next.

SPECIAL CLIMATIC REQUIREMENTS.

To withstand the humid atmosphere of the isthmus, every insulated part, such as solenoid, relay, circuit breaker and other coils, was impregnated with non-hygroscopic compounds. All small parts were made either of brass, copper, Monel metal, bronze, or of sherardized iron or steel. Mica and treated asbestos lumber were used largely in place of fibre or wood.

INTERESTING MANUFACTURING DETAILS.

Nearly two thousand special drawings were required in the fabrication, and there were also involved the following unusual quantities of material:

Special slating bases	1,300
Small castings	160,000
Screw machine parts	1,200,000
Copper rod and bar, feet....	58,000
Asbestos lumber, square feet.	9,000
New patterns	650
New jigs, templates, tools, etc.	625
Porcelain parts	18,000
Special bus supports	6,800
Gal. pipe (framework), feet..	21,000

Special gears 2,300
 Special instruments 640
 Miscellaneous sherardized
 pieces 300,000
 Cases for boxing 4,150
 The combined weight of the central-
 ized control boards for Gatun, Pedro
 Miguel and Miraflores is about 39 tons.
 In their construction there is employed:
 More than $2\frac{1}{4}$ miles of interlocking
 rod.

About six million feet of control leads
 —made up in 5 and 8 conductor cables.

732 indicator motors.
 464 control switches.

All of the lock machinery, motors, con-
 trol panels, centralized control power
 station generating apparatus, switch-
 boards, transmission line sub-station
 equipments, coaling stations, and prac-
 tically the entire electrical equipment for
 the wharf terminal cranes and for the
 extensive permanent repair machine
 shops were manufactured by the General
 Electric Company.

IN MEMORIAM

Whereas, Local 713, I. B. E. W., has been called upon to pay the last tribute of respect to the memory of our late Financial Secretary, Brother P. J. McGinn, who died Monday, December 22d, 1913, Death, with a relentless tread, has again entered the portals of our Local and summoned therein one of our esteemed and beloved Brothers to his eternal reward.

Brother McGinn, harkened to the Divine command, has gone to that undiscovered land from whose bourne no traveler returns.

Stricken down suddenly, while still in the flower of useful, vigorous and glorious manhood his many noble qualities, his great unselfish character, his kindly, generous, buoyant spirits, his light heart and deep affection, particularly in Local 713, will ever remain fresh in the memory of those who knew him best; and

Whereas, Our Heavenly Father in His infinite wisdom, has removed from our midst Brother P. J. McGinn, a beloved Brother of Local 713, I. B. E. W.; and

Whereas, We recognize that in his untimely taking away, Local 713, has lost an esteemed and worthy member, the country a good, loyal citizen, and the home a faithful provider; therefore, be it

Resolved, That Local 713, I. B. E. W., hereby express our great sorrow at the loss of one of the Charter and most active members of Local No. 713, I. B. E. W., and express our great sorrow and profound sympathy for the deceased relatives; and, be it further

Resolved, That three type written copies be made, one to be forwarded to his sister, Mrs. E. Daley; one to our International Office, and one to the Local, No. 713, I. B. E. W., to spread upon the minutes; and, be it further

Resolved, That the Charter of Local 713, I. B. E. W., be draped in mourning for a period of thirty days, as a token of respect to his memory.

James P. Boyle,
 F. A. Lundmark,
 J. T. Schilt,
 Sam Hohman,
 A. Lang,
 L. Meyer,
 Wm. H. Dettman.

THE ELECTRICAL WORKER.

Born July 19th, 1890. Died January 14th, 1914.

Whereas, It has pleased Almighty God, in His infinite wisdom, to summon into His presence our beloved Brother, Chas. E. Downs; and

Whereas, He departed this life at the very threshold of a useful career and in the prime of his young manhood; and

Whereas, We treasured his presence amongst us for the many virtues which were his; and

Whereas, We fully appreciate his magnificent character; therefore, be it

Resolved, That we, L. U. No. 292, I. B. E. W., in meeting assembled, extend our heartfelt sympathy to the family of our departed brother and to his friends in this, their hour of sorrow; and, be it further

Resolved, That we drape our charter for the period of thirty days as a mark of respect to him; and, be it further

Resolved, That we bow our heads in prayer to Almighty God that his soul may rest in peace, eternally; and be it further

Resolved, That a copy of these resolutions be forwarded to the family of Brother Downs, and also published in The Electrical Worker.

Chas. A. Anderson,
President L. U. No. 292, I. B. E. W.
F. E. Miller,
Secretary L. U. No. 292, I. B. E. W.
W. E. Kenney,
Business Agent L. U. No. 292, I. B. E. W.

Whereas, It has pleased the Heavenly Father, in His infinite wisdom and mercy, to call from our midst and ranks our esteemed Brothers, Peter Bell and James Allen; therefore, be it

Resolved, That we drape our charter in mourning for thirty days and send letters of condolence to the widow and families, and a copy be sent to our official magazine for publication.

Respectfully,

William Kopp,
Secretary No. 419, pro tem.

IN MEMORIAM.

In remembrance of my dear brother, who passed away, we extend our heartiest wishes and thanks to the Rev. William Reese, Labor Chaplain A. F. of L., New Orleans, La., and L. U. No. 130 I. B. E. W., for the kind treatment shown our brother during his death and burial.

He suffered long and murmured not;
Though far away, he's not forgotten.
The Lord did all things for the best
And took him home with Him to rest.

From his sister, Mrs. Fred Weghorn, Chicago, Illinois.

POEMS WORTH READING**THOSE RESOLUTIONS.**

By M. I. Wright.

How about those resolutions
 You made some time ago;
 Are they towering above temptations
 Or buried beneath the snow?
 Did you try real hard to keep them,
 Or in a half-hearted way,
 Deviate from your adopted system,
 Feeling listlessly, it didn't pay?

It takes time, boys,
 To get results in any line,
 In separating gold from alloys
 It requires a good stiff spine.
 The grandest things in life
 Take perseverance to secure;
 There's ever an element of strife
 We must overcome or endure.

It takes a certain amount of shame
 Along with self-respect,
 To show us habits that are "lame"
 Or others subject to neglect,
 Will we rise above our weakness,
 Or allow them to rule us;
 Will we permit meekness
 To dominate us thus?

We often hear the expression
 That life is one vast school,
 That experience is the best teacher,
 That we should profit by that rule.
 Experience is O. K.,
 'Tis the best educator a-going,
 But 'tis bound to bring sorrow and dismay
 If our time to good advantage we're not
 employing;

Experience is of value,
 But there are other elements, too,
 Such as sound judgment and will power,
 That are necessary to help us thru;
 So let's combine those values,
 Both you and I,
 And I think we can keep those resolutions
 And not half try.

A WOMAN'S APPEAL.

By Mabyne Joyne Yaucey.

The toilers wend their weary way
 Along life's thoroughfare,
 With blighted hopes, slave day by day
 To earn their meager share.

Of storm-tossed souls, swept by the tide
 Of wealth's relentless hand
 Belong to hearts that bear with pride
 But mates with roughened hand.

They seek from you no charity
 Nor do they pity crave,
 But only ask that you may be
 A friend of workers brave.

A wage of plenty must prevail
 Before the strife is o'er,
 Enough that want may not assail
 The toiler's humble door.

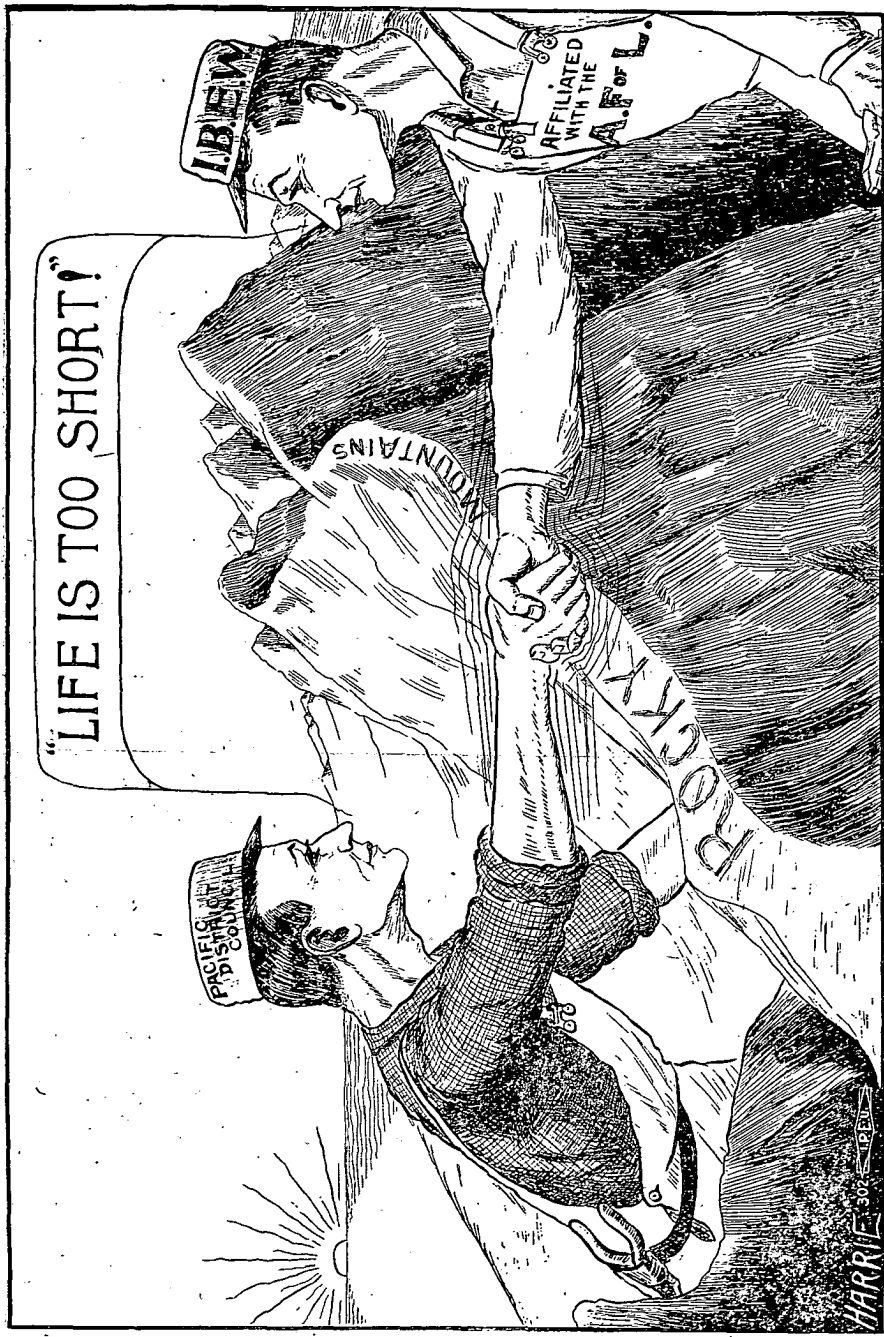
So, friend of Labor, lend your aid
 To Justice, Truth and Right,
 And stand by them, nor be afraid,
 And help them win the fight.

GOD BLESS THE UNION.

To you, Dear Union, where'er you may be,
 Our loving thoughts are 'round you;
 And wheresoe'er, on land or sea,
 Our heart's best wishes bound you.
 We cannot find a sweeter prayer
 To follow and impress you
 Than this within these magic words,
 Where'er you are, God Bless You.

God bless you, Dear Union, within this
 lies.

The joy of life, its whiteness
 Is fairer far than sunset skies
 Or gleams of starry brightness;
 It breathes a charm, lest sorrow's night
 Enfold and then oppress you;
 'Tis sweeter than the sweetest song
 This magic prayer, God Bless You,
 "The Union."—Ex.



Official Journal of the
INTERNATIONAL
BROTHERHOOD OF ELECTRICAL WORKERS
Published Monthly

F. J. McNulty, Supervising Editor.
CHAS. P. FORD, Editor.
Reisch Bldg., Springfield, Ill.

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Reisch Bldg., Springfield, Ill.
International Secretary - Chas. P. Ford
Reisch Bldg., Springfield, Ill.
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Third District - J. W. Hart
502 Superior Bldg., Cleveland, Ohio.
Fourth District - C. C. Yeabower
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Fifth District - M. J. Boyle
6225 Langley Ave., Jackson Park Sta.,
Chicago, Ill.
Sixth District - Frank Swor
R. F. D. No. 6, Box 45, Arlington, Texas.
Seventh District - T. C. Vickers
324 Clark St., Fresno, Cal.

NOTICE.

Owing to the unsettled conditions and the number of members who at present are out of employment, it will be impossible for Local Union No. 41 to extend the usual courtesies to Traveling Card members, as we have placed in effect Section 8, of Article 14, of the Constitution

E. B. Fink, Rec. Sec'y.,
Local Union 41, Buffalo N. Y.

NOTICE.

On account of the unsettled conditions and the trouble in our jurisdiction, and having the constitutional number of members out of employment, we have placed in force Section 8 of Article 14, of the Constitution.

D. J. Byrne,
R. S. L. U. No. 130, New Orleans, La.

NOTICE.

One C. V. (Slim) Sayre, Card No. 26266, formerly Financial Secretary of L. U. 66, has been suspended and \$100.00 assessment put against him by this Local.

C. S. Boatman,
President and Press Correspondent.

NOTICE.

On account of our recent difficulty, and still having more than the Constitutional number of unemployed members, we have therefore, placed in force Section 8 of Article 14.

H. L. Draper,
Business Agent, L. U. 716, Houston,
Texas.

NOTICE.

On account of conditions existing in our jurisdiction, it has become necessary to place in effect Section 8 of Article 14, of the Constitution. All members please be advised.

J. C. Bramer,
Secretary L. U. No. 257.

NOTICE.

Owing to conditions in our jurisdiction we have placed in effect Section 8 of Article 14, of the Constitution, and request all members to be guided accordingly.

Jos. P. Teaffe, R. S. Local 103,
Boston, Mass.

NOTICE TO SUBSCRIBER.

Should you change your address, do not fail to notify the editor, so that the transfer can be made on our subscription book, which will secure your receiving The Worker at your new address.

If you have subscribed for The Worker, and do not receive it, notify the editor immediately.



EDITORIAL



READ THIS CAREFULLY.

The most undesirable, unworthy and despicable men holding trade union cards today are those who, after failing in their attempts to get into local union office or to place their friends there, resort to religious prejudice to gain their selfish ends. It has come to our attention that during a recent election for Local Union officers in one of our most staunchest Local Unions, certain members opposed some of the candidates, and based their opposition on religious lines. They had slips of paper distributed among the members, informing them that the following candidates, giving the names, were of a stated religion and a stated nationality, asking the members to vote against them on those grounds. No other reason was given whatsoever. For a moment just consider that kind of campaigning in this enlightened age of ours. It sounds so ridiculous that we could not believe it until we received sufficient corroboration, when we were compelled to.

Just imagine one Trade Unionist voting against another simply because their religious beliefs are different or because their forefathers came from different foreign countries. Not one of us had any say as to where we would be born; we came to this earth through the will of the Great Almighty, who plays no favorites; we all look alike to him, so long as we do our duty on this earth. Nor are we to blame on account of our parents raising us in the same religious belief that they were taught to believe in. The religion of the parents is good enough for the children, and will do them good so long as they adhere to it in practice, regardless of denomination.

When a man calling himself a trades unionist resorts to the mean, contemptible and unmanly act of bringing religion or nationality into a Trades Union, he should be thrown out head-foremost. No real Trade Unionist would resort to such tactics. We are taught from the inception of our membership in our Unions that Trade Unionism knows no religion, nationality or politics. Our movement must be kept that way. Just think what would happen if our Local Unions were divided on religions or nationality lines. Figure it out, and see how many divisions there would be, and ask yourself how long your union would last if such conditions prevailed. It would not exist; a house divided against itself must fall, and if there is anything that could bring more divisions in a Trade Union than religion, nationality or politics, we would like to know what it is.

We must keep those questions which every human being of mature intelligence hold sacred to a more or less extent out of our Local Unions, out of our National Organization and out of our great American labor movement at all hazards and cost.

Those members guilty of even trying to inject them into our midsts must be dealt with quickly and decisively; no mercy should be shown them or quarters given them, no matter who they are or where they belong.

It is unnecessary for to state they are cowards, and are afraid to come out in the open. Yes, they are the meanest and lowest kind of cowards, unworthy of the association of men; they are destitute of all honor and a disgrace to the society in whose circles they move.

If you suspect you have such good-for-nothing creatures in your Local Union, search for them until you find out who they are, then expose them to the membership, expel them, send their pictures for publication in our Worker, so that all of our members may know them, and thereby guard themselves against associating with such miserable wretches in the future.

ISCH-GA-BIBBLE. Trade Unionism stands for everything that is good and right. It asks no favors from any one, it fears no man or set of men. There is no obstacle large enough to stop its march of progress. It goes on and on and on, driving before it wage slavery, sweat shops and unsanitary working conditions, leaving behind it sunshine and happiness for the men, and women of labor. It knows no creed, nationality or politics; it defends the weak against the onslaughts of the strong. It makes it possible for us to educate our children properly. It is not composed out of angels and saints; its members are just ordinary human beings of God's image and likeness, who are subject to the same failings as the members of any other organization are:

When one of us fall it is a mere incident that occurs in institutions of all kinds, such as bankers, lawyers, doctors, preachers, of all denominations, college professors, the crown heads of royalty, employers' associations, etc., etc., the only difference being that when a member of organized Labor commits a wrong its enemies condemn the entire Labor Movement, instead of the individual, but when a member of any other institution goes wrong, he and not the organization is blamed.

Labor has fought for all the conditions it enjoys and will be compelled to fight for all improved conditions it receives in the future.

We therefore should be prepared to fight our enemies whenever we are compelled to, however we cannot afford to go around with a chip on our shoulder for if we are anxious to fight without having a just reason for it we are sure to get more fight than is good for us.

Organized Labor is proud of its achievements, it does not gloat over its victories nor does it weep over the set backs it receives. It does not recognize defeat nor does it ever admit defeat, set-backs makes it more determined than ever to reach the goal desired.

We should all be proud of our membership in organized labor, and co-operate with our respective Locals in pushing the good work along. As great as our progress has been in the past, there are still greater things in store for us in the future, if we will do our duty to our union and be loyal to our obligation.

Our unions are governed by the majority rule, what the majority decides is binding on all of us, as wise as we may think we are we are not as wise as the majority of our union is.

We should fight for our rights whenever they are attacked.

Remembering at all times that we must not attack the right of our employers, which must be respected by us at all times, demand a square deal, fight if necessary for it. Be satisfied with nothing else and give your employer a square deal; do not forget that he is also a human being, and will fight for his rights just as quick and just as hard as you will fight to protect yours. We must not forget that we represent only one side of the great Labor question. The employers represent the other side. Public opinion is the tribunal that decides which side is right when an industrial conflict occurs. A favorable decision from that tribunal means victory. We should therefore be sure our cause is just and right before we enter into a battle with our employers and be prepared to prove by

facts that we are right, for if we resort to theory to prove our contentions, we are sure to lose out.

Industrial peace is preferable to industrial war at all times. Trade Unionism advocates industrial peace. The employers state they want industrial peace. That being so, then all that is necessary to maintain industrial peace, is the application of common sense with honest intentions by both sides to any and all differences that exist or may arise between them.

The Labor Movement is proud of the enemies it has made. It has no apologies to offer to any one for any of its past actions. Its record speaks for itself; it appreciates the assistance and support of its friends. Its members are satisfied, and pleased with its accomplishments, and to those who do not like it, and who would glory in its downfall, we say, "Isch-Ga-Bibble."

WORKER

SUBSCRIPTIONS.

In the December issue of our Worker we called the attention of our members to the necessity of subscribing for our Worker, stating that members could subscribe directly to the International Secretary or through the Local Financial Secretary. We desire to call the attention of our members to Section 5, of Article 27, which states that:

"All members must pay to their Local Financial Secretary the subscription price for the worker during the month of April of each year, and the Financial Secretary will forward same to the I. S."

All members and Local Unions should bear this in mind, so that we can get our subscription list made up as soon as possible. Members whose subscriptions have expired can renew them through their Financial Secretary at any time.

It was an error on our part in stating in the December Worker that all members could subscribe directly to the I. S.

ARE YOU OF THIS OPINION.

If you are one of those who think that you have done more than your share of work in the interests of your union, just compare the wages you receive with the wages paid to non-union men for the same class of work you are doing; also the difference in your working conditions with theirs. Then ask yourself sincerely, "Have I done too much work in the interests of my union?"

DO YOUR DUTY.

If you want to advance in this world, help the others you meet on the road of progress who are striving for the same goal. If they are successful in reaching it, they will help you unless they are ingrates, and if they are, you will have the satisfaction of knowing you did your duty for which you will be rewarded when you least expect it.

BE OPEN AND ABOVE BOARD.

All the world loves a fighter when he fights on the square and is open and above board. But when a man resorts to underhand methods, and takes mean advantages of his opponents, he loses the respect of all who know him. If he is victorious, his laurels do not last long. Moral. Always fight on the square.

Keep your eye on the fellow that knocks your local officers instead of co-operating with them.

There is always an evil motive behind his knocks, that means dissension for personal aggrandizement.

Each Local Union should see to it that its members subscribe for The Worker per the constitution. The subscription price is 25 cents per year.

Pay your dues and assessments promptly; keep your card clear at all times and thereby protect your standing and benefits.

Each Local Union should order a new constitution for every member. They are now ready for distribution at 5 cents per copy.

It is better for a man to stay outside of his trade union than for him to join it and become a traitor to it.

What shall we do to make the Press Secretaries send in a monthly letter for publication in The Worker?

The Crown of Victory does not set well on the head of the man who gains it by underhanded methods.

We have a new stock of Local Union supplies of all kinds. Send in your orders.

We are still growing. Forty-five thousand in good standing is our aim for next convention.

Bear with us. We will get an organizer to your city as soon as possible.

Others will tell of our good traits if we have any. It sounds bad to blow our own horn.

Do not forget our new address—Reisch Building, Springfield, Illinois.

The International Executive Board meets at the I. O. commencing March 1st.

Have you paid the Death Benefit Assessment? Don't forget it.

Protect the work of our calling at all hazards.

LOCAL Union Official
Receipts up to and in-
cluding the 10th of the
current month ■ ■ ■

RECEIPTS JAN. 10 to FEB. 10, 1914.

- L. U. No. 1—No. 429991 to 430310, 430311 to 430410.
 L. U. No. 5—No. 354615 to 354750, 487351 to 487423.
 L. U. No. 6—No. 402298, 402299, 402300, 431371 to 431813.
 L. U. No. 8—No. 108726 to 108750, 182251 to 182273.
 L. U. No. 9—No. 427621 to 427960.
 L. U. No. 13—No. 447847 to 447901.
 L. U. No. 17—No. 433233 to 433391, 433392 to 433500, 489601 to 489615, 489616 to 489715.
 L. U. No. 20—172955 to 173007.
 L. U. No. 22—No. 439641 to 439690.
 L. U. No. 23—No. 124382 to 124395.
 L. U. No. 26—No. 335482 to 335606.
 L. U. No. 30—No. 375774 to 375780.
 L. U. No. 33—No. 343570 to 343594.
 L. U. No. 34—No. 464251 to 464309, 464310 to 464346.
 L. U. No. 35—No. 547791 to 547850.
 L. U. No. 38—No. 397230 to 397500, 484351 to 484482.
 L. U. No. 41—No. 468009 to 468229.
 L. U. No. 43—No. 438061 to 438380, 438381 to 438490.
 L. U. No. 49—No. 403851 to 403909.
 L. U. No. 52—No. 458390 to 458493, 458494 to 458545, 458546 to 458640.
 L. U. No. 56—No. 411221 to 411260.
 L. U. No. 60—No. 189211 to 189223.
 L. U. No. 61—No. 445003 to 445089.
 L. U. No. 66—No. 325614 to 325636, 326188.
 L. U. No. 68—No. 318601 to 318691, 318692 to 318750.
 L. U. No. 72—No. 157947 to 157979.
 L. U. No. 78—No. 152072 to 152090.
 L. U. No. 80—No. 30156 to 30171, 30173 to 30186.
 L. U. No. 85—No. 441246 to 441400, 441401 to 441540.
 L. U. No. 86—No. 408832 to 408943.
 L. U. No. 96—No. 399281 to 399330.
 L. U. No. Sub-96—No. 349641 to 349800.
 L. U. No. 98—No. 452631 to 452799.
 L. U. No. 100—No. 89810 to 89841.
 L. U. No. 102—No. 408198 to 408248.
 L. U. No. 103—No. 352966 to 353250, 462001 to 462020.
 L. U. No. Sub-104—No. 359968 to 359970, 359997 to 360000, 360751 to 361600, 325195, 358290, 358363.
 L. U. No. 108—No. 127805, 127807 to 127828.
 L. U. No. 110—No. 426392, 426132, 426279, 426170 to 426234, 426235 to 426328.
 L. U. No. 115—No. 384790, 791, 792, 793, 794, 795, 797, 384800 to 384809.
 L. U. No. 116—No. 36631 to 36646, 36647 to 36666.
 L. U. No. 117—No. 209725 to 209739.
 L. U. No. 121—No. 156191 to 156200.
 L. U. No. 124—No. 475534 to 475707.
 L. U. No. 130—No. 302695 to 302724.
 L. U. No. 133—No. 223686 to 223693.
 L. U. No. 135—No. 208644 to 208654, 208655 to 208657, 208658 to 208666.
 L. U. No. 136—No. 273641 to 273696.
 L. U. No. 140—No. 405285 to 405330, 405331 to 405410.
 L. U. No. 142—No. 389603 to 389613, 389618 to 389910.
 L. U. No. 146—No. 177339 to 177354.
 L. U. No. 158—No. 355519 to 355528.
 L. U. No. 164—No. 351456 to 351550.
 L. U. No. 165—No. 238106 to 238125.
 L. U. No. 175—No. 196018 to 196027, 196013, 196014, 196028 to 196042.
 L. U. No. 181—No. 356282 to 356397.
 L. U. No. 183—No. 305491 to 305512.
 L. U. No. 186—No. 202727 to 202733.
 L. U. No. 187—No. 270173 to 270185.
 L. U. No. 189—No. 20550, 54, 55, 20557 to 20559, 20560 to 20569.
 L. U. No. 190—385877 to 385907.
 L. U. No. 197—No. 243884 to 243893.
 L. U. No. 206—No. 175696 to 175706.
 L. U. No. 211—No. 386559 to 386584.
 L. U. No. 212—No. 194890 to 194986, 187501 to 187586, 194987 to 195000.
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Correspondence



L. U. NO. 1, ST. LOUIS, MO.

St. Louis, in the State of Missouri, U. S. A., situated on the west bank of the Mississippi river, is not a dead one, although work during the Winter months becomess very scarce. There is a Local Union known as No. 1, of the I. B. E. W., and if a referendum vote of the Brotherhood was taken the result, by a large majority, would be that it is A-Number One Local. With all the idle members, there is very little discord. Traveling cards are not received. Not because No. 1 is trying to build a fence around the city, but any reasonable person knowing what efforts were put forward to secure conditions as they are, would not condemn them for keeping as much of the good as possible. But individual interest, in too many cases, are paramount to all other interests. So many fail to look back and consider where they were before the organization of our Brotherhood. The employer placed the value on your services and almost dictated your food. Now you are fast coming to the front, where the employer sees his interests identified with the employee. He is observing and concludes that arbitration is best.

Keep together and your conditions will continue to remain good. No. 1 may have a bad name, as some may see it, but if those condemning it will be absolutely fair and consider how they would act if placed in a like position, such would not be the verdict.

Selfishness is one of our enemies. Some seem to think this world was made for them only. The sooner they get that idea out of their mind, the sooner they will be considered. Earn what you get and demand what you earn.

All things taken into consideration, the Local Unions of the I. B. E. W. deserve the support of all wage earners, and not unfavorable comment by any trade or labor unions. If push and enterprise is to be condemned and considered a curse, the I. B. E. W. will plead guilty; so will L. U. No. 1.

Each Local have their own peculiar conditions to overcome, and different ideas as to how to overcome bad ones, and make matters more equalized. Those who are ready to find fault with others will do well to examine their own previous actions and, I am satisfied, some of

the fault will be found to be their own.

In looking over our journals for some time back, I fail to find any letter from L. U. No. 134. Have they no Press Secretary? I rather think they have not, than to think a Local of their standing overlooks the negligence of any officer. Get to it, No. 134, as the entire Brotherhood, knowing of your staunch unionism, are desirous to get pointers to assist them in overcoming some of the disagreeable features you have so successfully combatted.

No. 38 of Cleveland, Ohio, are inclined to be very self-contained. Let us hear from you. Don't be bashful—your delegates to the Boston convention were not.

New York, Boston, Pittsburgh and others are not on record very strong in the correspondent pages of The Worker. As The Worker goes to every member of the Brotherhood much good can be accomplished. The Boston girls failed to write for January Worker. If they loved the Brotherhood as I love them, they would have two or three letters, with plenty of good news in each issue.

In serving the Brotherhood you are building a strong barrier to prevent persecutions. No. 1 greets the I. B. E. W. and declare themselves as ready and willing to fight any and all enemies of our noble Brotherhood.

My physical condition, owing to the ravages of time, place me close to the rear guard, but I cannot remain there when my hobby is assailed by any one inside or outside of the I. B. E. W. I am willing and hope to remain

Yours fraternally,

Baldy.

L. U. NO. 6, SAN FRANCISCO, CAL.

Editor.

Well, as I promised to keep the boys posted on the conditions in Frisco, will try to drop you another line. In the ten years I have been in the state of California. I have never seen such a winter as this has been. And instead of things getting better since I wrote you last it has steadily grown worse, we have had five weeks of continuous downpour since the middle of December. Two years ago we all said here that the middle of 1913 would surely bring good work for the wiremen, but nothing showed so we thought by winter they would surely have

to get busy. But here it is February, and more out than there has been in five years before. All the boys are completely disgusted they wish the fair had gone to New Orleans instead of here. You see here in No. 6 we have a regular list and when a man comes in (and he must come in) his name is put on the bottom of the list and he works up the list unless he is especially called by some boss. In which case he goes of course. And on that list there is 167 at this writing. Four men at the fair ground at this time. I have been reading some of the letters in The Worker of late, some of the boys would like to see more letters from the big locals of the Brotherhood. I would like to see some myself so I guess I will begin on the good work hoping others will take heart. We use to have some interesting letters in The Worker some years ago. But some of the brothers filled it up with non-sense until a lot of the bunch got tired of it to say the least.

Now as I am an eastern man myself, I know how some of you feel about this most advertised state in the country, and as I am writing to keep you posted on the conditions in San Francisco I am going to try to tell you something of the state as I have seen it. Every one I use to see before I came here was always anxious to hear something from some one who had been here. I know I use to hang on to the stories they told the same as a hired girl hung to a dime novel.

I am not going to tell you much this time as my letter is already long. But there is a certain paper called the Call-Post who are running quite a lot of ads about real estate men who are willing and offer to pay the transportation of any one who agrees to buy real estate from a thousand dollars up. Now I certainly hope none of our bunch are green enough to bite, but if you are, take a friend's advice its rotten. This is the latest I have seen in the hundreds of schemes to gull the poor devil with a few bones out here and skin him alive. Really it is pitful to see how the poor eastern sucker keeps the land sharks of California. Why say it is pretty hard to sell a man a fruit orchard here that is on to the fruit business.

The only way he will buy it is when he knows he has a bargain and knows he can turn it over the next fall to some of the new crop of suckers that the railroads never fail to bring.

Now Brothers, I am going to close this time and see you again next month.

J. M. Boyd,
Press Sec'y.

L. U. NO. 20, GREATER NEW YORK,

Editor: Having been elected Press Secretary, I am going to try to make good, at least once, by writing for The Worker.

Conditions in New York city and vicinity are fair, although we have no agreement with any of the companys. Linemen, \$3.25 per nine hours; troublemen, \$3.40 per nine hours, with the New York Edison and New York & Queens. The New York, New Haven & Hartford pays \$3.50 per nine hours. Brooklyn Edison, \$3.25 per nine hours, and since the strike at Rockaway they pay the same scale.

There is lots of room here for a good organizer and we need one very badly. We have only about 150 members, where we should have at least 1,500. Of course, the cry is two factions, but if we can get the Reid men to come over the unorganized bunch will have to come in out of the cold or freeze. An organizer, working in this city six months, could do a great deal to help us and the I. B. E. W. and I hope the International Officers will see their way clear to send that organizer. He will not work alone, as there are several brothers here who will help him along, myself included.

The New York, New Haven & Hartford Railroad has been killing off men; as usual, and sending others to the hospitals, but where the railroad has been getting off by paying funeral expenses and a few hundred dollars cash for each death or injury in the past, we have found a lawyer, Thomas J. O'Neill, of 309 Bway, N. Y., who seems to be able to make the railroad pay something near the value of a man's life.

Hope to write every month and may have more news if we get that organizer.

Yours fraternally,
W. G. Thordsen,
Press Sec'y.

L. U. NO. 61, LOS ANGELES, CAL.

Editor: Conditions here, in the way of work, has not improved much since last month. Many men are still out of work. News comes to us also that many men are out of employment in San Francisco. So, brothers, don't be too hasty in coming West; you are always welcome, but we want to see you get work as well as invest your money.

Since my last letter the boys on the other side have been discussing amalgamating with the affiliated Electrical Workers. I have attended some of their meetings here and the opinions of most of their members is that they realize something must be done and, by a recent test vote put out by the Pacific District

Council, Local 61, R.-M., here, voted almost unanimously to affiliate, only about nine votes being against the proposition. They have voted, also, not to sustain the actions of their Grand Executive Board in not putting out the "Tetnative Agreement" for referendum vote. Brothers, let us all vote for amalgamation and then let the slogan be "organize", so that we may put up a solid front on the industrial field; use our energy to fight organized bosses instead of organized workers.

Fraternally,

A. E. Danielson,

Press Sec'y., L. U. 61, Los Angeles, Cal.

L. U. NO. 66, HOUSTON, TEXAS.

Editor: I hope you will find room in the next issue of The Worker for these few lines. At present everything is very quiet in Houston and vicinity. All members are working and we had a rousing good meeting last Monday night, the 19th. We took in three new members and three more applications, so all brothers can readily see that L. U. No. 66 is still climbing the hill to success, although one C. V. Sayre, card No. 26266, tried his utmost to put us out of business by allowing the finances of Local No. 66 to stick to his fingers and thereby using it to take up some notes for himself and lied like a dog up until the last minute to the trustees, after they had checked him up, that he had the money in a savings account and could not draw on same until after the first of the following month. Poor, ignorant fool; he could not make these lies stick, as the trustees had the dope on him, so instead of him putting Local No. 66 out of business, as he tried hard to do, only made us stronger, and we got rid of a very poor excuse of a so-called union man and put him out of possession of a card and several good friends which haven't the respect for him they would have for a dog, and that's saying a good deal. Local No. 66 has also placed a hundred dollars assessment against him; plus the balance he owes the Local, and suspended him. So if any brother happens to meet him treat him accordingly, and don't forget to give him the cold shoulder. By every brother that comes in contact with him doing this, we can put him where he really belongs and I will let you all guess where that is. He also left a boarding house, owing \$45.00, and also got in bad with the Labor Council, as he could not tell how much money was due them after selling about 1,500 Labor Day tickets at ten cents each. Hoping the editor will find space in the next issue for these few lines and wishing our

general-officers, and the membership as a whole, the best of success, I remain
Fraternally,

C. S. Boatman,

Press Sec'y.

L. U. NO. 110, ST. PAUL, MINN.

Editor: As it has been some time since Local Union No. 110 had a few lines in the Worker, we will try and let you know how things are getting along up here in the "Orange Belt."

To start with, will say that work is a little slack at present time, but the prospects are good for a busy season, providing we experience no difficulty in getting our new wage scale signed by the contractors, which we have hopes we will, as everything is running smooth now, so if you contemplate coming this way in the Spring, you had better see to it that you have a paid-up card, and that the name of Murphy or Fitzgerald is not on it, either, for it will cost you \$50.00 extra to work. We have little respect for Reid cards in this town.

At this time I wish to extend to all Local Unions the sincere appreciation of L. U. 110 in voting St. Paul the next convention, and to those Locals who voted for Frisco, let me say after you have paid a visit to St. Paul, you will never be sorry for the trip. We have already started to make preparations for the convention, and you may rest assured nothing will be left undone on our part to make your stay in this city a pleasant one, so you had better begin to set your cap now for the trip, for you will miss something if you don't.

Last Thursday night, February 5th, we held our annual smoker and it was a grand success, about 150 members being present and all enjoyed themselves to the limit. It is pleasing to note the success L. U. No. 110 has made in this city in the last eighteen months. We are now in the best condition that we were ever in to better our condition; we have a one hundred per cent organization, something that probably was never realized here in the past, and it has been due to the loyalty of our membership in our common cause, which is the success of any labor organization.

Well, as time and space is short, I will close for this time, and hoping to see a line in The Worker from all Local Unions in the future, and with best wishes for the future success of our Brotherhood, I beg to remain

Fraternally,

Frank Fisher,

Business Agent L. U. No. 110.

L. U. NO. 140, SCHENECTADY.

Editor:

I am submitting for publication as the monthly contribution of L. U. No. 140 to The Worker an ordinance that we have been successful in having enacted by the common council of this city, we hope that our sister locals may meet with like success in securing legislation that will give their members greater protection than they are now enjoying.

J. J. Hannan,
Recording Secretary.

The ordinance is as follows:

GENERAL ORDINANCE.

An ORDINANCE relating to the electrical construction and the maintenance and use of electric wires and apparatus and providing punishment for the violation thereof.

The city of Schenectady, in Common Council convened, ordains as follows:

Section 1. It shall be unlawful from and after the passage of this ordinance for any officer, agent or employee of the City of Schenectady, N. Y., or for any other person, firm or corporation, or its officers, agents or employees, to run, place, erect, maintain or use any electrical apparatus or construction, except as provided in this ordinance.

Sec. 2. No wire or cable carrying a current of electricity at a potential of less than 500 volts shall be run, placed, erected, maintained or used on any insulator, the center of which is less than fifteen (15) inches from the center line of any pole; and no such wires or cables shall run past any pole to which they are not attached unless there shall be a climbing space on at least one side of the pole of not less than fifteen (15) inches from the center line thereof. This section shall not apply to any wire or cable where the same is run from underground and placed vertically on the pole; where the same is attached to the top of the pole; nor to a pole top fixture as between it and the same pole; nor to any jumper wire or cable carrying a current connected with a transformer or other appliances on the same pole; nor to any aerial cable as between such cable and run to any pole upon which it originates or terminates; nor to the use of iron brackets supporting insulators and wires vertically above each other when there are no other wires above such bracket. This section not to apply to telephone or telegraph toll lines or to telephone cables; nor to telephone or telegraph loops from terminals to houses, provided a clear climbing space or one-half the circumference of the pole is left on each pole.

Sec. 3. No wire or cable used to carry a current of electricity at a potential of more than 500 volts shall be run, placed, erected, maintained or used on any insulator, the center of which is nearer than fifteen (15) inches from the center line of any pole; and no such wires or cables shall run past any pole to which it is not attached unless there be a climbing space on at least one side of the pole of not less than fifteen (15) inches from the center line thereof. Wires carrying electricity at a potential of two thousand (2,000) volts or more shall have an air space of at least fourteen and one-half (14½) inches between them. Provided, that this shall not apply to any wire or cable where the same is run from underground and placed vertically on the pole; nor to any wire or cable where the same is attached to the top of the pole; nor to a pole top fixture as between it and the same pole; nor to any jumper wire or cable carrying a current connected with a transformer or other appliances on the same pole. Provided further, that when said wire or cable is run vertically, it shall be rigidly supported.

Sec. 4. No wire or cable carrying a current of electricity shall be run, placed, erected, maintained or used within six (6) feet of any wire or cable carrying a potential of ten thousand (10,000) volts or more. Provided, that the foregoing provision of this paragraph shall not apply to any wire or cable when the same are run from underground and placed vertically upon the pole; nor to any jumper wire or cable carrying a current or connected with a transformer or other appliances on the same pole. Provided, that when vertically, wires or cables shall be rigidly supported.

Sec. 5. No wire or cable used for telephone, telegraph, district messenger, or call bell circuit, fire or burglar alarm service, or any other similar purpose or system, shall be run, placed, erected, maintained or used on any pole a distance of less than forty (40) inches from any wire or cable carrying a current at a potential of 100 volts or more in all cases except where such wires or cables are run above or below, or across over or under electric light or power wires, or a trolley wire; a suitable method of construction or insulation or protection to prevent contact shall be maintained as between such wire or cable and such electric light, power or trolley wire. Provided further that this does not apply to any wire or cable run vertically.

Sec. 6. Transformers, either single or in banks, that exceed a total capacity of five (5) K. W. shall be supported by a double cross arm, or some fixture equally

as strong. No transformers shall be placed, erected, maintained or used on any cross-arm or other appliances on the same pole upon which is placed an oil switch, switch-box or line cut-outs. This does not include transformer fuse boxes. No lightning arrestors except for telephone service shall be placed on a pole supporting a transformer or oil switch or line cut-out.

Sec. 7. No wire or cable larger than number four (4) shall be run, placed, erected, maintained or used on curves or corners of greater than fifteen (15) degrees, without maintaining double cross arms or guards sufficient to hold said wire or cable in case of breakage of pins or insulators to which the same are attached, except where said wire or cable terminates or dead-ends on curves or corners. No wire or cable used to conduct or carry electricity shall be placed, run, erected, maintained or used vertically on any pole without causing such wire or cable to be at all times insulated the full length thereof.

Sec. 8. In all cases where a wire or cable larger than number eight (8) originates or terminates on insulators attached to any pin or other appliance, said wire or cable shall be attached to at least two insulators. Provided, however, that this section shall not apply to wires or cables run vertically on a pole; nor to service wires to buildings; nor to wires originating or terminating on the strain insulators or circuit breakers.

Sec. 9. All poles along which shall be run vertically more than two (2) wires, cables or conduits used to conduct or carry a current of electricity at a potential of over one hundred (100) volts shall be provided with steps, and no step shall be placed on any pole nearer the ground than seven feet.

Sec. 10. All fixtures placed or erected for the support of wires on the roofs of buildings shall be of sufficient strength to withstand all strains to which they may be subjected and to the breaking of all wires on the one the breaking of all wires on the one side thereof, except where insulated wires or cables are held close to fire walls by straps or rings, and shall be of such height and so placed that all of the wires supported by such fixtures shall be at least seven (7) feet above any point of roofs less than one quarter pitch over which they pass or may be attached, and no roof fixture or wire shall be so placed that they will interfere with the free passage of persons upon, over, to or from roofs. This section shall not apply to wires carrying a current of electricity at a potential of less than one hundred (100) volts.

Section 11. No guy wire or cable shall be placed, run, erected, maintained or used, or any pole or appliance to which is attached any wire or cable used to conduct electricity without causing said guy wire or cable to be efficiently insulated with circuit breakers at all times at a distance of not less than six (6) feet or more than eight (8) feet measured along the lines of said guy wire or cable from each end thereof. Provided, no circuit breaker shall be required at the lower end of the guy wire or cable where the same is attached to a ground anchor, nor shall any circuit breaker be required where said guy wires or cable runs direct from the grounded messenger wire to a ground anchor rod. This section shall not apply to guys attached to poles used exclusively for telephone or telegraph purposes, except where wires carrying a current of electricity at a potential of over one hundred (100) volts run over such guys.

Sec. 12. All span wires used for the purpose of supporting trolley wires shall be provided with circuit breakers and such circuit breakers shall be maintained not less than three (3) feet nor more than six (6) feet either from trolley wire or pole; provided further that there shall be a safety device installed at all trolley frogs and section insulators and on curves of seventy-five (75) foot radius or less, on curves of more than 75 foot radius soldered ears shall be used), and where trolley wire terminates or originates on a building or structure, so that when a trolley wire breaks it will not be liable to drop within seven (7) feet of the ground.

Sec. 13. When lines carrying a current of electricity carrying a potential of five thousand (5,000) volts or over are cut out at stations or sub-stations to allow employees to work upon them they shall be short-circuited at the place where the work is being done, except arc circuits which shall be grounded only at the sub-station.

Sec. 14. No work shall be permitted to be done on any live wire, cable or appliance carrying a current of electricity at a potential of more than one thousand (1,000) volts of electricity by less than two competent and experienced persons, who have had at least three years' practical experience, and while performing such work shall be in the same room, chamber, manhole or other place in which, or on the same pole on which such work is being done; provided further, no work shall be permitted to be done on any live wire, or cable or appliance carrying a current of electricity at a potential of less than one thousand (1,000) volts of electricity by any per-

son not having at least three (3) years' practical experience, unless said person be accompanied by a person having at least three years' practical experience, who shall be in the same room, chamber, manhole or other place in which, or on the same pole on which such work is being done. No person acting in the capacity of foreman of a lineman or a gang of linemen shall be permitted to order, or cause work to be done on any pole unless said foreman has had at least three (3) years' practical experience as a lineman. This section shall apply only to wires outside of buildings.

Sec. 15. Each employee affected by this ordinance shall be furnished with a copy of it by the employer.

Sec. 16. All wires, cables, poles, electric pole fixtures, or appliances being used or operated at the time of the passage of this ordinance shall comply with this ordinance on or before three (3) years from the date of passage; provided, however, that if the Public Service Commission of New York shall, upon notice and hearing, order and require the erection of guards, protection devices and methods of protection that, in the judgment of the commission are necessary, same shall be constructed within the time required by the Public Service Commission. Provided further, that it shall be lawful to place additions, wires, cables, electrical fixtures or appliances upon existing poles or cross-arms as long as the new construction shall be made to conform to the provisions of this ordinance.

Sec. 17. The foregoing provisions of this ordinance shall apply to aerial wire or cable within the corporation limits of the City of Schenectady.

Sec. 18. Any person, firm or corporation who, or which, or whose officers, agents or employees shall violate this ordinance shall be guilty of a misdemeanor and shall be punished by a fine not to exceed one hundred and fifty (150.00) dollars, or by imprisonment not exceeding sixty days, or by both such fine and imprisonment.

Sec. 19. Each separate violation or any of the provisions of this ordinance shall be a separate and distinct offense, punishable as such.

Sec. 20. All ordinances or parts of ordinances of the City of Schenectady in conflict with this ordinance are hereby rescinded and repealed.

Sec. 21. This ordinance shall take effect upon its publication three times each week for two successive weeks in the official newspaper.

Adopted December 29, 1913.
Common Council, City of Schenectady.

L. U. NO. 211, ATLANTIC CITY, N. J.

To the Editor: On several occasions I have been asked personally, and several Local Unions have written L. U. No. 211, for facts in reference to our becoming affiliated with the old brotherhood in July, 1913, and our determination is, that L. U. No. 211 shall retain their affiliation regardless of the biased opinion of a few narrow-minded persons, once members of our Local Union.

On July the first, after the question of re-affiliation had been debated upon for several weeks, we re-affiliated with the old Brotherhood, by a vote of thirty-two to seventeen, and looked forward to better conditions and the ability to control our branch of the trade, here.

Through the fact that we had at least done our duty toward the Trades Union Movement at large, by allying ourselves with the only bona fide I. B. E. W., was recognized by the A. F. of L., and decision of the courts. Of course, the action taken by the Local did not suit every one and those who felt that they could not endure Atlantic City under a new administration, we allowed the privilege of taking a Traveling Card, as long as they did not work in our jurisdiction. One of these members, who was dissatisfied and took a Traveling Card, was Harry H. Freed, at that time President of District Council 3-1, and if he had stuck to the Local that made him, would have lost his high, exalted job (so he sold his birth-right for something worse than pottage.)

We, who know him well, figured by his action, that he had been promised something if he would stick to the Reid-Murphy ranks. In this we were right, as he was given the job of Grand President of the Atlantic Coast District Council No. 1, which was in information at the time of discussion on our re-affiliation.

In our organization at that time we had quite a few members who were young in the labor movement; who had never been out of the jurisdiction of Atlantic City on any job, who did not know the conditions that were being caused by the attitude of different Local Unions throughout the country refusing to abide by the decisions rendered by the A. F. of L. at several conventions and decisions rendered by the courts at Cleveland, who had never heard any other story of our International dispute than those published in The Reid Worker, or been told them by our friend Freed, and believe me, what he told them wasn't news that would jeopardize his grand job.

These members, no doubt, kept him informed of every action of the Local and, of course, he used the information to scatter scurrilous reports throughout his district.

Along toward October we had the misfortune to lose one of our brothers, through the silent reaper—Death—and through an error of the doctor in not filling out the certificate properly, his claim was held up until the necessary corrections were made, not by the General Office, but by the Local Union; for within ten days after proof was rendered the International Office, the claim was paid. For proof of this, the member's name was Robert McMenainen, and he has a brother who is a member of L. U. No. 9, Chicago.

But Freed is accused by several members of spreading the report broadcast that the claim was never paid.

On October 31st, we held a special meeting to decide what action was to be taken in event of the contractors refusing to pay the advance in wages, every member present being asked to express his intentions in event of the increase not being granted, and the verdict was—"Fifty cents or we will not go to work tomorrow."

The men were then asked to find out of their respective bosses, the next morning, if the increase was to be paid, and report to the Strike Committee as soon as possible. The tally showed that all of the shops with the exception of two had granted the increase.

These shops did no work for several days except what was done by the bosses themselves, and then they managed to sneak in a couple of rats.

In the meantime, Freed, who had been out of town on a disruption tour, blew in again, and in the course of conversation with several members, commented on the deplorable conditions, etc., and said he believed he could settle the matter, but did not give out any plan for settlement at the time, but later on, led them to believe that by the re-affiliation of the Local with the Reid-Murphy faction he could settle the matter in forty-eight hours.

So, with several of the disgruntled members, he held a few meetings among themselves with members of the firms refusing to pay the increase.

On a Tuesday, three weeks after the strike had been called, they took a vote, with nineteen members in the hall, to re-affiliate with the Reid-Murphy faction, fourteen to five; ordered the charter to be sent back to the Grand Office, which was never done, applied to the Reid organization for a new charter, called our friend Freed in room, and notified him of action taken and he promised them to settle the strike against these two shops and get them the fifty cents per hour.

After several meetings with the mem-

bers of these firms, with no results, a special executive board, which Freed picked, decided to call a special meeting of the Local Union for the following Sunday, to take a vote on returning to work.

The meeting was held but no business was transacted, as the members who were not present at the meeting of the previous Tuesday, could not see how Freed had any right to try and make any arrangements for the Local Union without their sanction, and after about fifteen minutes of wrangling the meeting was adjourned. Freed and several of his adherents then went out and met a representative of one of the firms in dispute, who, by this time were in dire need of men to do their work, and arranged to have men go in to work next morning, for fifty cents, pending Tuesday night's meeting, when Freed said everything would be settled, as the Local would, no doubt, concur in his action and come to an amicable agreement with the contractors.

On the following Tuesday night, the President, one Joe Thomas, was asked to open the meeting, long after the usual time for same, when he replied he could not as he had no charter.

I then asked him if he had a charter, would he open the meeting, and he said, yes. So I sent one of the members out of the hall, and he returned shortly with a duplicate charter, signed by President McNulty and C. P. Ford, which had been sent Organizer Smith, who was in town at the time. I then asked Thomas if he would open the meeting and he said, not with a McNulty charter. Seeing he would not do so, I informed him if he would not, then, as a Past President of the I. B. E. W., I would open the meeting, and did so without opposition. I then called in Grand Vice President Bugnizet and Organizer Smith and turned the meeting over to the former until we could elect a new President. We then proceeded with the regular business and by a majority vote decided to stick out against the two firms, for the fifty cents.

Shortly after the meeting was turned over to Grand Vice President Bugnizet, Freed started to leave the hall and was called back by the Grand Vice President, and asked, by all means, that he stay. But he said he would much rather retire as he was afraid if he remained he might be insulted, but he was promised immunity if he would remain, but he didn't have grit enough, and retired. After leaving the hall, from accounts in next morning's paper, he must have started on a run for the city hall, where he reported to the chief of police that the Electrical Workers "were seeing red,

getting ready to blow up the burgh, push back the ocean, drink the cat's milk, and create hell in general." That he had better hold the police and fire departments in readiness to respond to a riot call at any minute.

But it wasn't necessary, as Freed was the only one scared, and the meeting adjourned at 1:30, with most of the members present.

On the following day, one of our members, working on the same job with one ex-President Thomas, asked the boss if he was going to continue paying fifty cents, and he said, absolutely no; the brother quit, but Thomas, who figures forty-five cents is more than fifty cents per hour, and would rather work with rats than Union Men, continued to work.

They say he is a Spanish War veteran. Well, I don't know how far he went in that late war (probably no further than Jacksonville, doing guard duty), but I thank the Supreme Being that our whole army was not made up of such soldiers as he, otherwise history would read somewhat different.

Shortly after this we heard rumors to the effect that Freed was going to start another Local, but on being asked if those were his intentions, by our Business Agent, Walter Cameron, he said, no.

But Freed, although he pretends to be a leading light, a post or some kind of a support in one of the churches here, has a crooked tongue, as the Indian would say.

For he started a Reid Local, headed with our soldier boy Thomas, several skates and a few misguided members, and proceed to offer themselves to the contractors for forty-five cents per hour, after the majority of the contractors had been paying fifty cents for over a month.

They then got busy on a set of working rules, which, by the way, were drawn up in a contractor's office, and where most of their business was transacted for quite a while after the formation of their Local Union.

They are working with all kinds of men, will take in any body on application, work holiday for straight time, on the say-so of your friend Freed—the man who help herd scabs for the contractors of Albany during the trouble there last Spring, who has done the same thing here, who has villified and slandered some of the best friends he ever had or will have, who has shown by his actions that he believes in organized scabbery and that nothing is too dirty and contemptible for him so long as he can keep his fine job as President of the Atlantic Coast District Council.

In conclusion, I wish to say that these are facts and can be confirmed, and that up to date, we are in the majority, and

that a few of the contractors are paying up fifty cents.

We are here to stay, which is more than some of our friends on the other side can safely say.

Yours fraternally,

J. S. Bennett,
President L. U. No. 211.

L. U. NO. 427, SPRINGFIELD, ILL.

Editor:

As it has been quite a long time since there has been a letter in The Worker from No. 427, will state for our traveling brothers who wish to know what is going on in Springfield, that work is very slack here at present. Most of the brothers are out of employment, but No. 427 is still in the race and the members are working earnestly for the betterment of the cause and trust that we may have more work and better conditions in the near future.

Wishing success to all members of the Brotherhood, I remain,

Yours respectfully,

J. L. Gleason,
Press Secretary.

L. U. NO. 480, PORTLAND, ORE.

Editor Electrical Worker: As we have never before sent in a letter or a report, and as I am Press Secretary, I will try to live up to the name as well as I am capable.

In the first place, conditions here are not the best, and as we are in the heart of the enemies stronghold, we have a good deal to battle against, besides conditions. Such things as the following make a union man feel as if he were living in Mexico and not in a city that is one of the largest on the Pacific Coast, and has one of the finest Building Trades Councils in the movement.

The Building Trades Council has given us all the support that we could ask and stand ready to go the limit with us any time the occasion demands. This is what we had to fight a few days ago:

We went out of a shop that was absolutely fair to the Electrical Workers and was unfair to the Tile Setters, as they would not sign an agreement with the Tile Setters, and we hadn't been out more than twenty-four hours when the places of our men were filled with Reid men at fifty cents less than the scale. The tile men took the matter up with a committee from our Local and we came to the agreement that if we could induce this shop to sign up again that it would be declared fair to the Electrical Workers, and as luck was with us we got them on a contract and put the screws to them

and put our old crew back after the Reid-Murphy men were canned.

We are doing pretty well in the line of organization for the time we have been in the field and I hope by the time the next Worker goes to press that we will be able to report things booming in every line of our craft.

Will state last, that our Local has its Executive Board and committees working overtime with the Building Trades Council delegates, who in turn give us loyal help and support in interviewing contractors and architects and in the course of time we will have things so we can handle them and we all hope that the word "Secession" will be stricken from the dictionary, as far as the Electrical Workers are concerned.

I will close this tale of woe by wishing all the Locals in our International Brotherhood a very prosperous year.

Fraternally yours,

W. H. Emerick.

L. U. NO. 534, GREATER NEW YORK.

Editor: As Press Secretary of the Inside Electrical Workers of Greater New York, I will endeavor to give The Worker a few notes of interest to the workers at large.

In the "joy line" I may say that our annual ball took place on January 24th, and it was, as usual, a success, for it is considered one of the social events of organized labor in this vicinity. There was an unusually good vaudeville entertainment given by union professional talent, furnished by George Gaskin. All talent were members of the "White Rats", an organization of vaudeville actors affiliated with the A. F. of L.

The dancing program was carried out with such enthusiasm that the band had to put in overtime to satisfy those who took part, the festivities continuing until 5 a. m. All hands then departed for home happy and apparently thoroughly satisfied.

This affair was given under the auspices of the Sick and Accident Benefit Fund.

An unusually handsome souvenir book was issued to all guests containing a good lot of useful information, among other things being a very fine picture of the Allandar Mounment. Brother Charles DuBourg acted as editor of this production and in such a creditable manner that he may have no fear as to his vocation in the future, in case that he should wish to retire from the present "Rapid Transit" method now in vogue in our trade.

And now, in regard to trade conditions in this vicinity, employment in all trades

is at low ebb, ours in particular, and not promising to improve in the near future, therefore, it is necessary for us to ask that the members of other Locals refrain from coming to New York in search of employment.

We have been successful in having the scale advanced to \$4.80 per day without trouble of any kind and the Business Agents are now busy signing up new agreements to conform to the change. The contractors are all meeting the conditions cheerfully, with few exceptions, and these soon will "come across" after a visit from the Business Agent. It is a noticeable fact that these wage advances always take place at a time when employment is slack, but in this case we may not blame the contractors, as business is in a state of stagnation, generally.

The New York Telephone Company has signed a new agreement, one that is a vast improvement over the old one, as it gives us practically all work inside the building line, and also all work to be done under the supervision of foremen who are members of this Local Union.

The committee on this agreement were Brothers DuBourg, Gallegher and Solomon, and they all deserve high commendation for standing pat for an agreement calling for an advance in wages, and conditions far exceeding the former one. The same scale of wages, \$4.80, applies here, as we only have one price for journeymen, regardless of class of work.

Hoping this articles will not take up too much of your valuable space, I remain

Fraternally,

Wm. B. Martin,

Press Secretary.

L. U. NO. 664, GREATER NEW YORK.

Editor: Just some more information about the Navy Yard at New York.

I stated in my last article in The Worker that our sending a committee to Washington, D. C., would be sure to result in an increase of wages. My faith in the committee has not been misplaced. We have received an increase, but what a joke the increase is. Sixteen (.16) cents above the maximum of \$4.48, which is \$4.64.

All the men do not get this magnificent raise of sixteen cents. Out of the 300 Electricians and Helpers, that are employed at the New York Navy Yard, only twenty-five Electricians received the increase of sixteen cents.

This is the first time in the history of the New York Navy Yard that we are receiving less for the maximum than the Union minimum wage in New York. The

Electricians that are employed in the immediate vicinity of the New York Navy Yard are receiving \$4.80 per diem and are to receive \$5.00 per diem from July 1st, 1914, until a new agreement is made.

Do not think that we are laying down on these conditions. We have appointed a committee to draw up a Bill to take the placing of the wages out of the hands of the jokers, who handle it at the present time. The Bill is partly finished but not enough to explain just what its provisions will be. We would ask the Brothers of the I. B. E. W., all over the country to ask their Congressmen to watch for this bill and to pass it. I can assure you that we are not selfish in this, as it is going to benefit every trade employed by the Government, and also when the employees of private shipbuilding yards see what the Union men can do they will immediately become anxious to organize.

Therefore, we believe that this fight we have taken up and pledged ourselves to stick to until we win, is of benefit to every trade, and we believe we deserve the support of Organized Labor.

With wishes for good conditions and success to all Brothers, I am

Fraternally,

Robert X. Kelly,

Press Correspondent.

Editor: Constructive service counts in the progress of organization and our splendid Brotherhood shows today the value of this service.

It has been my pleasure during my lecture tours throughout the many States of the Union to see the splendid work and the advancement of the cause of our organization and the Trade Union Movement.

I am always proud of the fact that I hold a paid-up card and always hope to remain a member in good standing.

In every city of the country I meet loyal, true brother Electrical Workers and I am always proud to count myself one of them.

To the boys of Local No. 86, I owe thanks for attending my debate last night in Rochester. In many cities the Locals have attended the lectures in a body and their courtesies will always be remembered and appreciated by me. It is always a pleasure and privilege to defend the cause of Trade Unionism and to aid in every way the only movement of the working people.

The splendid services of the officers of our Brotherhood and of the membership in general, is shown in the increased membership and prestige of the I. B. E. W. What splendid strides it is making. The future in store for our organization cannot be exaggerated and its greatness and strength in the future, as in the past, will depend on the character of the members and the character of the service they render. Unselfish service counts and the work of encouragement and co-operation to our officers aid materially in the work.

I had the good fortune to be present during a few days of our recent Boston convention of the I. B. E. W. and that convention was a credit for any city to entertain. It was a magnificent gathering. The reports were splendid. The legislation adopted by the convention shows marked progress and a real constructive progressiveness.

To be a real, live Trade Unionist should be the endeavor of every member of our International Brotherhood—not simply a dues-paying member, but an active worker. How many there are who might become members of our organization if each one of us would spend but a very little time in active missionary Trade Union work. First, by understanding Trade Unionism, its hopes, aspirations, ideals and principles, and then working to spread those principles, for they are as sound as the rocks of Gibraltar. A real Trade Unionist is always a real man and, like the movement, he builds on justice and righteousness—on character, with an emphasis on every letter in the word and meaning of character. Let loyalty, character, justice and energy be the watchword and success is bound to come in all our endeavors.

The enemies and critics of our Brotherhood have been confounded by its success and prosperity and though they would injure it, yet its work has gone triumphantly on.

To be a workingman is a grand privilege, but to be a Union Man in heart, spirit, principle and activity, is the badge of that stewardship. May we all strive for and deserve and merit that splendid title of patriotic loyalty to the workers' cause—a Union Man.

Fraternally,

Peter W. Collins.



Reports of Officers .. and Organizers ..



To the Officers and Members:

Greeting—I held a well-attended open meeting of the Lynn Telephone Operators, and since have held several meetings of their officers instructing them and going over the affairs of the Local. I believe now they are on a sound basis and will give a good account of themselves.

After three weeks of strike Local No. 717 settled with two more shops and on the fifth week we settled the last one making Local 717 of shopmen with a 46½ hour week and a minimum wage scale. This strike was lengthened by the fact of two members breaking away and going back to work. One a journeyman by the name of Ernest E. Egler, formerly a member of Local No. 190, who was tried and assessed for scabbing \$500, and a helper by the name of A. K. McAdams, who was tried and assessed for the same offence \$250, and suspended till they complied with the decision they are now out.

I attended a meeting of the New England District Council, as well as a meeting of Local No. 103.

Went to Hartford, Conn., on a call from Business Agent Harry Case of Local No. 35 and found that the Manufacturers' Association had gotten the electrical contractors together and formed one association and the two non-union contractors, Baldwin & Stewart and Francis Electric Company had gotten four of the fair concerns, Griffin, Scofield Electric Company, Rice & Green Electric Company, Cohn & Roth and Williams & Goltra, to declare for the open shop. I called on several of the firms, but they would not talk on the question, but stated they had no grievance except that they wanted to hire any one they pleased. I attended Local No. 35 meeting, gave them instruction and had to leave for Utica, N. Y., to appear before the credential committee of the Utica Central Body, who had held up the seating of our delegates from Local No. 724 of moving picture operators on the protest of the delegates of the Stage Employees and the I. V. P. of the I. A. T. S. E. They had received a telegram from the I. V. P. of the I. A. T. S. E. that he could not be present and requested a postponement which the committee

granted to Sunday, February 8th, so I left and went back to Boston to assist Local No. 717 in their strike with the result as above stated.

While in Boston I represented the I. B. E. W. at the A. F. of L. conference on the Building Trades situation in Boston as per a resolution introduced at the Seattle convention of the A. F. of L. President Gompers was represented by Secretary Morrison and the National Building Trades Department by President Williams.

The following organization was represented:

Brotherhood of Carpenters by Secretary-Treasurer Duffy.

Brotherhood of Painters by Organizer Mulane.

United Association of Plumbers by International Vice President Sheeke.

International Association of Engineers by President Comerford.

Wood wire Lathers by President McSorley.

Operative Plasterers by Organizer Doyle.

Building Laborers by President D'Allesandro.

Tile Layers and Helpers by President Murphy.

Sheet Metal Workers by President Hynes.

Elevator Constructors by I. E. B. Member Feeney.

International Association of Machinists by International Vice President Jennings.

Granite Cutters by President Duncan.

Marble Cutters and Setters by Secretary-Treasurer Hogan.

And all trades had their Local Business Agents present. As the A. F. of L. had Organizer Striffler on the scene for four or five weeks previous, he had arranged a call meeting for the following Friday night for the formation of a Building Trades Council so there was no work for the conference except endorse the call and request President Williams of the Building Trade Department to stay on the scene till after the meeting and same was carried.

I went before the State Board of Labor and Industries of Massachusetts and filed a complaint against the Griffin Scofield Electric Company of Hartford, Conn., advertising in Massachusetts papers without mentioning strike, but as

the contractor is out of the jurisdiction could not prosecute him except we get him in the jurisdiction of the State the Board Attorney notified them by mail of the complaint and that he would be prosecuted. When they could get him within the jurisdiction of the State, that will at least keep them out of Mass. doing work for awhile. While taking this complaint up, I found a flaw in the law and reported same to part of the legislative committee of the State Branch of the A. F. of L., and they promise to put in an amendment to the law to cover same.

Went to Worcester to attend the meeting of the telephone operators and found they had postponed same.

Went to Hartford, Conn., and attended to Local No. 35 meeting as well. Went around to see one of the firms, but could not move them. Saw the strike-breakers at the shops, and tried to photograph them, as it is claimed that among the men working in those shops that there are members of some of our locals out of town so will send the picture around for identification. Left there to come to Utica and will return there when I leave Utica to take full charge of the open shop fight.

While in Boston I devoted as much time as possible to the organizing of the G. E. plant at Lynn, and if time can be devoted to same I feel sure of success there in about three months. The largest trouble now is slackness of work.

Well Brothers, I will draw to close as this is somewhat lengthy report and covers about all my actions this month outside of approving agreements and by-laws as well as attending all correspondence which was unusually large this month.

With best wishes, for continued success to all, I remain, Fraternally yours,

G. M. Bugniatet,
International Vice President.

REMINISCENCES OF A DELEGATE AT THE BOSTON CONVENTION.

We met in Faneuil Hall, which, from its revolutionary history, is known as the "Cradle of Liberty," for it was in Faneuil Hall that the men of those times, who afterwards proved themselves to be giants of wisdom, Goliaths of truth, and mastodons of courage, met and rehearsed the troubles of the Colonies, and set fire to the hearts of men by their utterances.

Warren and John Hancock,
Samuel Adams, Franklin too—
Held the destiny of our country
In their grasp; though they were few.
Round the walls of the old temple,
And as a temple it's to me

The most sacred place in this land
To bend a reverent knee.
Neath the canopy of heaven,
Neath the stars of silvered blue,
Neath the sun's resplendent glory,
There was never told a story
More resplendent,
Than the tale that's told of those men
Who gathered to repel
The invasion of injustice
Sent to them from foreign shore.
And the triumph of endeavor
Seems to permeate the air,
Where the shades of all those heroes.
Met in that lions' lair.
Must we then forget those others
Who so nobly fought and bled?
Nay—for fear their mighty spirit's
Might arise from out the dead.
As the faint gray beams of morning
Comes shining through the gloom,
An ethereal scent of incense
Seems to glorify the room,
An aroma—to convey
The blessings sent from heaven
And conferred on us this day
For my gaze intently searching
Has wandered round the hall,
To a grand old fashioned picture
Which decorates the wall.
The father of his country
Smiles from out the frame,
And may his noble presence
In spirit still remain
To guide deliberations
Of the sons of all the nations
From the ends of all creation,
Who so e'er shall entertain
To consecrate his fame.
Do I need to tell his name?
Well then,—Washington illustrious
A father to us all,
And that's the grand old picture
I speak of on the wall.
And as the day grows older,
A sunbeam seems to fall,
Upon the largest picture
In dear old Faneuil Hall.
It portrays an event
Which happened long ago,
When a masterpiece of wisdom
Was uttered, and we know
That good old Daniel Webster
Was qualified to show
That "Liberty and Union
Now and forever"
Was meant to bring us, one and all
Nearer, more together,
A base we all can stand on,
A stand we all can bank on,
A bank we all can live on,
A life we all grow big on,
Equality and justice,
And we know our fellows trust us,
And we'll do the best we can.

M. P. Kearin,
L. U. No. 534, New York City.



Telephone Operators Section



Editor:

I have more enthusiasm in writing to The Worker than ever before and were the readers have finished, they will hardly wonder at it.

We have accomplished almost wonders since the first of the new year. The Local Executive Board have compiled new by-laws utterly devoid of technicalities, and laws which are strictly enforced at all times. Previously, members who failed to attend a meeting once in three months were assessed, the present rule is, members have to attend a meeting once in two months or pay an assessment. The result is, meetings are much more largely attended.

The initiation fee is \$2.00, if a member becomes six months in arrears, in order to become a new member she is obliged to pay \$5.00, and no grievance is accepted unless a member is in good standing.

At all entertainments held by the Local Union. Members are assessed a ticket, this assessment must be paid to the Financial Secretary before dues are accepted and at the expiration of two months from date of assessment.

The laws pertaining to our Local Sick Benefit have been somewhat lax in the past are now more stringent. Members were formerly entitled to a sick benefit after becoming six months in continuous good standing, the rules now call for one year continuous good standing.

The Financial Secretary in the past received a small amount per annum is now reimbursed for actual service.

It is gratifying to see how we have progressed since the adoption and enforcement of certain rules, it has assisted us in being a better and bigger organization members of the Brotherhood will be interested to hear when the report on the adoption of the new constitution was read, it was not only received with applause but cheers that were echoed throughout the building. The adoption of the new constitution meant much to the operators, it meant the abolition of a sub-local, thereby, giving us a separate charter and establishing a Local Union of our own. Do the members wonder at the enthusiasm displayed? At this time I desire to state since that memorable day

the report was received, we have had the pleasure of enjoying peace and harmony, something which did not exist previously.

Our Financial Secretary, Gertrude E. Devine, should be brought forth into The Worker. The month of January this sister made one of the most important reports. Many new members were initiated, the majority being supervisors. The Financial Secretary reports the collectors in all exchanges are doing excellent work and she (F. S.) was pleased to note how the members co-operated with them, assisting them (collectors) in obtaining new members and keeping dues paid regularly. It is really marvelous the work our Financial Secretary accomplishes, she is employed in the Toll Department evenings and devotes her days to the duties of her office. The Financial Secretary is very modest in her reports and it is only through the members the officers are able to ascertain the amount of good work she does. The Financial Secretary is, keen, alert, endowed with an unusual amount of tact and ability, as well as being popular among the members. The Financial Secretary reports shows over \$2,000 was received by her during the month of January.

Last but not least comes our good reliable Adjustment Board. We like to keep them constantly before us, they are always so energetic and faithful. The board has adjusted many grievances and during the past few months organizing operators.

In the city of New Bedford, Mass., which by the way is a large manufacturing city, a letter was sent to our Local imploring us to organize the operators, conditions were deplorable. Many letters had been received by us from cities near by to the effect but owing to the lack of funds had to be turned down. A second appeal from New Bedford was received requesting us not to turn this appeal down, the Adjustment Board volunteered to organize the girls if the Local would stand the expense.

After some deliberation and consideration the officers decided to send the board to this city and from all reports received conditions were even worse than represented in the letter. To organize these girls it meant considerable sacrifice on

the part of the girls, they (the board) worked all day in the exchange and took a train arriving in New Bedford in time enough for the meeting. After the meeting adjourned it would not have been policy for the board to leave the girls. They had to become better acquainted with the girls in order to find out more of the personal grievances, by that time it was about 1:00 a. m. before the board went to the hotel. They (board) were obliged to leave New Bedford at 5:30 a. m. to arrive in time enough for work, this meant the loss of sleep. The board has now established through their efforts nearly a 100% Local in New Bedford which means three others surrounding textile cities will immediately organize through them.

The Adjustment Board recently paid a visit to the newly organized Worcester (Mass.) Local to help encourage them in their work, while in that city the board addressed the men (affiliated with the Brotherhood) by request and that Local has increased its membership.

The Board visited the Lynn (Mass.) Local of Operators a 100% organization. This Local was organized by two of our officers when we were three months organized ourselves. It has been the custom of Lynn to send a representative to attend our meetings and usually some of our members reciprocate. The board found the girls in Lynn doing splendid work. The Brotherhood should be proud (to use a slang phrase) to think they have gained another "feather in the cap." Lynn has an Adjustment Board the second Local of Operators to obtain one. Owing to the fact the girls worked in the same exchange it was decided only one member be elected to fill that honor, Miss Sarah Pugh. The Lynn member now works in conjunction with the Boston board and by so doing eliminates all subordinates. Too much credit can not be given the members of the board who are Annie E. Mollay, Mary C. Meagher, Mary T. Murray. The two former are employed in the Toll Department and are tireless, industrious workers at all times, the latter represents the Local Exchanges and one hears nothing but praises about her from every side - she is popular with both Local and Toll.

Sister Mary Meagher, one of the members of the board and Vice President of the Local, has addressed many organizations not in the Brotherhood recently and it is said, through her earnest efforts to convince people who are working, organization is their only salvation, their have been many new ones sprung up. Sister Meagher is considered a somewhat talented speaker and she has been connected with organized labor less than two years.

While we are still on the subject of organization, we are organized or will be two years this April. Through our organization other Locals have been created, but mostly at the expense of this Local. We are not in a position to organize, the expenses of an Organizer are too great for us to maintain. We have made appeal after appeal to have the operators organized so we can be of more assistance to one another, but appeal still pass on. The month of January, over \$600.00 per capita tax was sent to the International; usually it is at least \$500.00, some part of it which should be set aside to organize operators, or they will remain forever unorganized, unless Local Unions or the State Branch render their services. Think this proposition over seriously, and I hope some member of the Brotherhood will take up the others to what we need.

I have a suggestion to offer to our editor. It seems to me if a few copies of The Worker and a letter sent to the Press Agents of the Operators' Local, reminding them of their duties, undoubtedly a letter would to The Worker. Boston does not care to be the only one to contribute. The readers would like to hear from others and I am positive more of our girls would subscribe if they did.

We have commenced the new year with a most harmonious relationship between the Company and Union and we trust we shall be as successful the rest of the year.

Thanking all members of the Brotherhood for their efforts in assisting us in obtaining our charter, and wishing them a very happy and prosperous year, particularly the female members,

Fraternally yours,

Alice J. Donovan, Press Agent.

FEUDALISM IN MINING DISTRICTS.

At a season when the spirit of fellowship is the strongest human emotion, when peace and good-will soften even dull misery, the whole civilized world was shocked by the Michigan horror of of unparalleled barbarity. Though the people were anxious and worn after months of hunger and cold, and physical dangers braved in a struggle for justice, they wanted their little ones to have some share in the Christmas cheer and happiness—little children whose childhood had been saddened in privations through no fault of theirs. But not even the babies were spared—the whole world knows the story of that grey Sunday when the little white coffins were carried out to the hillside. That unspeakable horror has been followed by other brutalities, by attacks on human life. Shock-

ing—but the inevitable outcome of the conditions that existed in the copper mining district of Michigan. It is the old, old story of the struggle against oppression imposed upon men and women who want to be free—the struggle that has always resulted when men have assumed the right to control the lives of fellow-men. If that assumption is not yielded to the demand for justice, then a struggle is necessary to enforce the demand.

In Michigan, the copper mine operators have assumed the rights and the attitude of the barons of old. With property holding truly feudal in extent, they have looked upon their workmen as serfs and therefore part of the chattels of their land and baronetry. The jurisdiction and power these copper barons have exercised have extended to the daily lives, homes, and expenditures of "their men." For years the miners in the employ of the company worked and lived with docile obedience under these conditions without seeming dissatisfaction and without protest. Many of the miners came from foreign lands where the feudal system had prevailed and where even today its vestiges are apparent in the relations between employer and employed. In those lands the stultifying evils from such relationship have been somewhat mitigated by the paternalistic responsibility that has devolved upon the employers. In America no such tradition obtains and in no degree is the keen edge of injustice modified.

But the desire for freedom was dormant in these miners and increasing hardships and injustice stirred them to action. Last summer in sheer desperation they asked the mine owners for a hearing that they might secure some change and modification of the onerous conditions, burdens and hardships, and that they too might share in the new progress that had enabled the miners in other states and districts to lighten their hardships. They respectfully asked for consideration of their claims for a shorter workday, increased wages, less dangerous and onerous working conditions, and recognition of their right to select certain of their fellow-workmen to act as their spokesmen (the right to be heard by counsel) in agreeing to working agreements.

The employers took the position that they were "masters of all they surveyed," considering their employes as part of their property. The attempt to press the appeal for a hearing was treated as a rebellion. The barons indignantly denounced as insolence the fact that the miners should dare to question what they had decreed, their authority and their right to dominate.

When the plea for a hearing was pressed, the operators arrogantly announced they had nothing to arbitrate. All efforts

to make them listen to argument and reason were vain. The mine operators persisted in the attitude they had assumed—their employes were "rebellious subjects" questioning the rights of those "ordained" to control life in the Michigan copper district.

Like outraged feudal overlords they summoned their men to do military service against the rebels and hired mercenaries and soldiers of fortune.

The military force of the state was called out to subdue the rebels.

To what constituted agency could the miners appeal?

What power for justice would intervene in their behalf? What has followed is the logical outcome of the denial of a fair hearing and the refusal to do justice. There are those who have criticized the workers, but what have those critics done to correct injustice, conditions that have burdened the lives and souls of these men and their families? Are the miners such poor creatures that they shall be denied a right to seek justice, even to fight for it if necessary?

In the state of Colorado, too, are all the organized agencies for compulsion turned against workmen who have rebelled against the despotism and the tyranny of corporations that have dominated and corrupted the civic life of the state. There, too, the mine barons have refused to consider the claims of the workmen. They, too, have manne their castles, called out their retainers and brought in guns. Despite the fact that the barons have flagrantly broken state laws, the state militia is used to aid them against the workers. The miners are denied rights guaranteed them by the laws of the state.

The recent outrages in these two states have stirred the working people of the land and all those who hold dear liberty and free government. The demand is urgent that conditions shall be disclosed and facts revealed to all. The miners know that when the tyranny of the coal operators, their cynical disregard for human beings and the contrasting scrupulous care manifested for property are fairly and squarely put up to the American people, public sentiment will be created that will force more than one corporation to make reforms that are reforms. The methods and purposes of the favored interests and the forces which emanate from corporate head centers are too unsavory to be tolerated after they are known.

Individuals or groups can not secure social justice—they can only point the way. United action and intelligent demand on the part of the nation is necessary. Will the nation be roused while there is yet time?—American Federationist.

Local Union Directory



This Directory is compiled from the quarterly reports furnished by local secretaries. If your report is not properly classified, it is because no report, or an imperfect one, has been furnished. Local secretaries should promptly report any changes.

Locals are composed of branches of the trade, as per the following signs:

- | | |
|---------------|-----------------------|
| (a) Mixed. | (f) Cable Splicers. |
| (b) Linemen. | (g) Switch-board Men. |
| (c) Inside. | (h) Shopmen. |
| (d) Trimmers. | (i) Fixture Hangers. |
| (e) Cranemen. | |

(j) Telephone Operators.

(c) No. 1, St. Louis, Mo.—Meets every Friday at Tuscan Hall, 28th and Washington Ave. President, J. T. Osborn, 1518 Lafayette Ave.; Vice President, Claud Williamson, 3843 Kennerly Ave.; Financial Secretary, W. B. Smith, 4339 Itaska St.; Recording Secretary, Hugh Aird, 4582 St. Ferdinand Ave.; Treasurer, C. W. Murphy, 1424 Cora Ave.

(c) No. 5, Pittsburg, Pa.—Meets every Friday night at McGeagh Bldg., 607 Webster Ave. President, S. D. Young, 807 McGeagh Bldg.; Vice President, S. Miller, 807 McGeagh Bldg.; Financial Secretary, H. McDougal, 178 Ridenour Ave.; Crafton, Pa.; Recording Secretary, Morgan Emanuel, 807 McGeagh Bldg.; Treasurer, F. J. Wynn, 807 McGeagh Bldg.

(c) No. 6, San Francisco, Calif.—Meets Wednesday in Building Trades' Temple, 200 Guerrero St.; Vice President, R. G. Alexander, 200 Guerrero St.; Financial Secretary, P. A. Clifford, 200 Guerrero St.; Recording Secretary, E. V. McKenzie, 200 Guerrero St.; Treasurer, G. M. Fisk, 2417 Folsom St.

(a) No. 7, Springfield, Mass.—Meets every Monday evening, 8 p. m. at N. A. S. E. Hall, 373½ Main St. President, W. F. Kavanaugh, 221 Summer St.; Financial Secretary, J. A. Beauchemin, 81 Pynchon St.; Recording Secretary, W. C. Fields, 86 Woodside Terrace.

(c) No. 8, Toledo, Ohio.—Meets every Monday at Swiss Hall, Monroe St. President, T. Crahan, 670 Fernwood Ave.; Vice President, G. Strub, 446 Georgia Ave.; Financial Secretary, Robt. Hammer, 125 Canal Ave.; Recording Secretary, George Hammer, 407 Austin St.; Treasurer, Joe Christ, 905 Bricker Ave.

(a) No. 9, Chicago, Ill.—Meets every Friday night at 500 State St. President, R. A. Brehman, 2203 W. Monroe St.; Vice President, B. Patwell, 7022 Winchester Ave.; Financial Secretary, L. M. Fee, 2203 Monroe St.; Recording Secretary, A. M. Parish, 1046 N. 51st Ave.; Treasurer, J. T. Kennedy, 136 Mayfield Ave.

(c) No. 12, Pueblo, Colo.—Meets Friday at Engineers' Hall, Room 21-22; Pope Block. President, W. L. Nelson, 1026 E. 7th St.; Vice President, E. W. Price, Box 70; Financial Secretary, L. C. Klinger, 114 W. 14th St.; Recording Secretary, R. J. Moose, Box 70; Treasurer, J. F. Campbell, 191 Central Main St.; Press Secretary, L. C. Klinger.

(c) No. 13, Seattle, Wash.—Meets every Tuesday evening at Carpenters' Hall, 1620 4th Ave. President, S. H. Winn, 547 Trenton St.; Vice President, R. C. Abbott, 1636 N. 51st St.; Financial Secretary, Thos. E. Lee, Carpenters' Hall, 1620 4th Ave.; Recording Secretary, Geo. W. Johnson, Carpenters' Hall, 1620 4th Ave.; Treasurer, Chas. G. Johnson, Carpenters'

Hall, 1620 4th Ave.; Treasurer, Chas. G. Johnson, 2018 Ingersoll Pl.

No. 17, Detroit, Mich.—President, John Hafner, 340 Ferry Ave., E.; Vice President, Chas. E. Miller, 24 Ferry Ave., W.; Financial Secretary H. P. Robinson, care of J. J. Dooley, 927 Piquette Ave., E.; Recording Secretary, Harry L. Hunt, 33 Jones Bldg.; Treasurer, J. F. Conway, 378 Defer Pl.

(a) No. 20, New York City, N. Y.—Meets every Monday at Stuyvesant Hall, 140 2d Ave. President, Patrick Cowan, 412 E. 51st St.; Vice President, Thomas Jenkins, 149 Welles Ave.; Financial Secretary, Joseph Healey, 749 E. 130th St.; Recording Secretary, Michael Managin, 361 E. 138th St.; Treasurer, Joseph Healey, 749 E. 133d St.

(c) No. 22, Omaha, Nebr.—Meets Friday night at Eagles' Hall, 1408 Harney St. President, C. L. Rhamey, 829 S. 22d; Vice President, John Christianson, 3907 N. 18th; Financial Secretary, C. E. Dohn, 2228 S. 14th St.; Recording Secretary, L. P. Sheil, 2574 Harney; Treasurer, J. P. Brown, 2803 Shirley.

(b) No. 23, St. Paul, Minn.—Meets first and third Mondays at Federation Halls, 3d and Wash. Sts. President, Wm. Tubbesing, 451 W. Central Ave.; Vice President, A. J. Flaherty, 1002 Gorman Ave., W. St. Paul, R. R. No. 2; Financial Secretary, Geo. Thomas, 1256 Lincoln Ave.; Recording Secretary, Wm. F. Schoeneman, 1111 Goff Ave., W. St. Paul, R. R. No. 2; Treasurer, N. Conoryea, 116 W. Cook St.

(c) No. 26, Washington, D. C.—Meets Thursday at Costello Hall, 6th and G. N. W. President, Theo. Mullixan, 905 5th St., N. E.; Vice President, Geo. Malone, 314 K. N. W.; Financial Secretary, B. O'Leary, 1102 L St., N. W.; Recording Secretary, E. Northnagel, 110 R. N. E.; Treasurer, O. H. Ross, 1214 Eye, N. W.

(a) No. 30, Spokane, Wash.—Meets Sunday. President, J. W. Allender, P. O. Box 387; Vice President, R. P. Whetsel, P. O. Box 387; Recording Secretary and Financial Secretary, B. I. Steinmetz, P. O. Box 387; Treasurer, C. A. Butler, P. O. Box 387.

(c) No. 33, New Castle, Pa.—Meets second and fourth Tuesday nights at Trades Assembly, Washington St. President, R. R. Vorous, 445 Court St., New Castle, Pa.; Vice President, R. B. Nicholson, 110 Ray St., New Castle, Pa.; Financial Secretary, Jas. Neville, 917 E. Washington St., New Castle, Pa.; Recording Secretary, T. R. Nicholson, 110 Ray St., New Castle, Pa.; Treasurer, J. Harper, Elwood City, Pa.

(a) No. 34, Peoria, Ill.—Meets every Thursday night at Iron Workers' Hall, 203 Main St. President, W. W. Wade, 209 Knoxville Ave.; Vice President, W. E. Priddy, 215 Röhman Ave.; Financial Secretary, Hugh Holligan, 238 Wiswall St.; Recording Secretary, W. H. Burns, 207 Clark Ave.; Treasurer, Ben Priddy, 206 2d Ave.

(b) No. 35, Hartford, Conn.—Meets Friday at 25 Asylum St. President, W. H. Dermont, 926 Maine St.; Vice President, G. J. Lyman, 77 Williams St.; Financial Secretary, C. M. Johnson, Box 71, Newington Junc., Conn.; Recording Secretary, H. F. Genlot, 37 Spring St.; Treasurer, R. G. Bradley, 42 Frankfort, St.

(c) No. 38, Cleveland, Ohio.—Meets Thursday night at 1120 Prospect Ave. President, D.

Moley, 502 Superior Bldg.; Vice President, R. Burkholder, 11810 Beulah Ave.; Financial Secretary, J. Hildebeitel, 628 Eddy Road; Recording Secretary, J. W. Hart, 502 Superior Bldg.; Treasurer, A. D. Thiland, 10809 Tacoma Ave.

(c) No. 41, Buffalo, N. Y.—Meets Tuesday at 270 Broadway St. President, R. L. Alger, 239 Barton St.; Vice President, A. Simons, 35 Gelston St.; Financial Secretary, G. C. King, 179 Waverly St.; Recording Secretary, E. C. Fink, 19 Josie Pl.

(c) No. 43, Syracuse, N. Y.—Meets every Friday night at Johnson, 317 N. Clinton. President, F. Flood, Box 416; Vice President, H. Greenwood, Box 416; Financial Secretary, E. Berrigan, Box 416; Recording Secretary, Box 416; Treasurer, S. D. Younglove, Box 416.

(d) No. 49, Chicago, Ill.—Meets first and third Fridays at 134 W. Randolph St. President, Wm. F. Trader, 1930 N. Kenneth Ave.; Vice President, Richard Berg, 2252 N. Tripp Ave.; Financial Secretary, C. Cornell, 3543 N. Nagel Ave.; Recording Secretary, Chas. McCarter, 1446 Orleans St.; Treasurer, Paul Messenie, 3305 S. Hamilton Ave.

(a) No. 50, Belleville, Ill.—Meets first and third Wednesday nights at Byers' Hall, corner of Spring and A Sts. President, A. J. Bertschinger, Gen. Del., Belleville; Vice President, Frank Major, 720 E. 1st St.; Financial Secretary, Elmer Stratton, R. R. No. 1; Recording Secretary, Elmer Stratton, R. R. No. 1; Treasurer, I. D. Dalton, 217 W. B St.

No. 51, Des Moines, Ia.—C. M. Henderson, 1013 Laurel St.; Vice President, B. P. Preston, 1434 Grand Ave.; Financial Secretary, Fred Martinson, 1438 11th St.; Recording Secretary, C. M. Keplinger, Elks' Hotel; Treasurer, M. E. Walsh, 1020 W. 2d St.

(c) No. 52, Newark, N. J.—Meets every Wednesday night at 262 Washington St. President, F. W. Losaw, 123 Sherman Ave., Newark, N. J.; Vice President, Joseph K. Rowe, 291 Jellett Ave., Newark, N. J.; Financial Secretary, Edward A. Schroeder, 14 Hawthorne Ave., Newark, N. J.; Recording Secretary, Harry F. Schmarr, 205 N. 3d St., Newark, N. J.; Treasurer, E. J. Reuger, 261 Bank St., Newark, N. J.

(a) No. 56, Erie, Pa.—Meets Fridays* at Labor Temple, 721 State St. President, Geo. Dumbuck, 2220 Liberty St.; Vice President, James Pusey, 520 E. 10th St.; Financial Secretary, Harry Simpson, 961 E. 3d St.; Recording Secretary, R. W. Peterson, 646 W. 11th St.; Treasurer, Roy Cross, Forbush Hotel.

No. 60, San Antonio, Tex.—President, Geo. C. Norris, R. F. D. No. 1, Box 267; Vice President, A. Rouff, 607 N. Flores St.; Financial Secretary, F. J. Vollmer, 2106 W. Commercial St., Sta. A; Recording Secretary, Ben. J. Crowthers, 376 Rural Ave.; Treasurer, G. A. Collier, 2815 Montrey St.

(a) No. 61, Los Angeles, Cal.—Meets every Tuesday night at Labor Temple, 540 Maple Ave. President, H. G. Green, 1250 Exposition Blvd; Vice President, T. E. Lackyard, 2710 Winter St.; Financial Secretary, H. L. Loomis, 941 W. 53d St.; Recording Secretary, J. S. Reif, 1264 W. Vernon; Treasurer, F. W. Moore, 2715 Michigan Ave.; Business Agent, H. M. Scott, 573 N. St. Louis St.

(c) No. 64, Youngstown, Ohio.—Meets first and third Wednesdays of each month at Bushnell Hall, 127 W. Federal St. President, Thos. Callen, 514 Lakewood Ave.; Vice President, W. C. Rosine, 707 Oxford Ave.; Financial Secretary, L. Higley, R. F. D. No. 1, Girard, Ohio; Recording Secretary, C. Morrison, Box 528; Treasurer, H. M. Vetter, 200 W. Myrtle Ave.

(a) No. 66, Houston, Tex.—Meets every Monday, 415½ Main St. President, C. A. Boatman, 1201 Capitol Ave.; Vice President, C. M. Moller; Financial Secretary, W. R. Salter, 1201 Capitol Ave.; Recording Secretary, L. M. Willson, 263 Buffalo St.; Treasurer, W. R. Salter, 1201 Capitol Ave.

(c) No. 68, Denver, Colo.—Meets each Monday at Room 40, King Bldg., 1627 Lawrence St. President, C. B. Noxon, 4902 W. 34th Ave.; Vice President, J. C. Wolever, 965 Galapoga St.; Financial Secretary, C. F. Oliver, 258 S. Mariona St., Box 614; Recording Secretary, L. Stone, 1049 Navajo St., P. O. Box 614; Treasurer, R. H. Homil, 3882 Zanobia St.

(c) No. 69, Dallas, Tex.—Meets every Monday night in Cooks & Waiter Hall, 1802½ Elm St. President, W. B. Winscoate, 3110 Swiss Ave.; Financial Secretary, L. B. Irvin, 1812 Gould St.; Recording Secretary, H. S. Broils, 1812 Gould St.; Treasurer, S. Fitzgerald, 2808 Carsile; Business Agent, R. E. Wetter, P. O. Box 121.

No. 71, Lancaster, Pa.—Meets every Wednesday evening at 222 N. Queen St. President, W. A. O'Connors, 430 Piare St.; Vice President, H. C. Weaver, 416 Beaver St.; Financial Secretary, Simeon H. Suter, 321 E. Frederick St.; Recording Secretary, David M. Waters, 536 Frieberg St.; Treasurer, H. N. Habecker, 112 N. Mulberry St.

(c) No. 72, Waco, Texas—Meets second and fourth Monday nights at Labor Temple, 729 Washington St. President, E. W. Edmonds, 720 Austin St.; Vice President, C. Doyle, Waco Electric Supply Co.; Financial Secretary, R. W. Berkeley, P. O. Box 814; Recording Secretary, E. F. Copley, City Hall; Treasurer, R. W. Berkeley, Box 814.

(c) No. 78, Atlanta, Ga.—Meets every Thursday at Labor Temple, 114 Trinity Ave. President, C. W. Pitchford, 25 Tennessee Ave.; Vice President, G. E. Carter, 140 Creu St.; Financial Secretary, P. H. Hendrick, 41 E. Lake Drive, Kirkwood Station; Recording Secretary, G. H. McKee, 4 Auburn Ave., Atlanta City, Ga.; Treasurer, H. M. B. Tucker, 66 Connally St.

(a) No. 80, Norfolk, Va.—Meets Wednesdays, 8 p. m., at I. O. O. F. Hall, Church St. President, M. B. Holmes, 329 W. 15th St.; Vice President, E. L. Richardson, 1111 Holt St.; Financial Secretary, T. J. Gates, P. O. Box 232; Recording Secretary, H. J. Kraemer, 1907 County St., Portsmouth, Va.; Treasurer, R. A. Smith, P. O. Box 606.

(b) No. 85, Schenectady, N. Y.—Meets Friday at 240 State St. President, W. A. Weisgarver, 130 N. Ferry St.; Vice President, Geo. Rea, 915 State St.; Financial Secretary, C. V. Platto, 130 Front St.; Recording Secretary, John Radley, 112 S. Ferry St.; Treasurer, F. Schwick, 49 Robinson St.

(c) No. 86, Rochester, N. Y.—Meets every other Wednesday in Musicians' Hall, 95 E. Main St. President, B. Yawman, 60 Adams St.; Vice President, J. Downs, 365 Jay St.; Financial Secretary, H. Walls, 15 Frank St.; Recording Secretary, M. J. Farrell, 73 Francis St.; Treasurer, B. Pitt, 343 Birr St.

No. 93, East Liverpool, Ohio.—Financial Secretary, Jas. Rush, 407 W. 4th St.; Recording Secretary, H. W. Cooper, 231 W. 9th St.

(a) No. 96, Worcester, Mass.—Meets second and fourth Mondays, E. B. first and third Tuesdays, at Electrical Workers' Hall, 419 Main St. President, P. A. Hoey, 419 Main St.; First Vice President, Geo. H. Miller, 63 King St.; Second Vice President, C. R. Thompson, 419 Main St.; Financial Secretary, T. L. Carney, 419 Main St.; Recording Secretary, Eli Nichols, 419 Main St.; Treasurer, S. A. Strout, 419 Main St.

(j) No. Sub-96, Worcester, Mass.—Meets first and third Tuesdays at Electrical Workers' Hall, 419 Main St. President, Bertha Hill, 17 Wellington St.; Vice President, Margaret M. McCullough, 34 Clifton St.; Financial Secretary, Marie Bertrand, 85 Portland St.; Recording Secretary, Mary Dudley, 19 Shirley St.; Treasurer, Katherine Coyle, 24 Lewis St.

(c) No. 98, Philadelphia, Pa.—Meets every Tuesday evening at Parkway Bldg., 64th floor, Broad and Cherry. President, Jas. B. Sturgeon, 229 S. Ithan St.; Vice President, M. A. Livingston, 125 N. 17th St.; Financial Secretary, Herbert Rawnsley, 165 Arnold St., E. Fallo, Philadelphia; Recording Secretary, Chas. H. Holm, 3017 N. Lee St., Philadelphia; Treasurer, P. F. Turner, 1312 Filbert St., Philadelphia.

(c) No. 100, Fresno, Cal.—Meets Tuesday of each week at Union Hall, 1139 Eye St. President, T. C. Vickers, 344 Clark St.; Vice President, J. M. Petty, 1418 L St.; Financial Secretary, Clyde L. Smith, 654 Glenn Ave.; Recording Secretary, J. A. Berryman, 1243 M St.; Treasurer, H. H. Courtright, 659 O St.

(c) No. 102, Paterson, N. J.—Meets every Thursday at Labor Lyceum, 359 Van Houten St. President, Albert Hawtin, 131 Marion St.; Vice President, Frank Stephens, 27 Pennington St.; Financial Secretary, A. Bennett, 552 Lexington Ave., Clifton; Recording Secretary, R. Sigler, 115 Fair St.; Treasurer, W. H. Cross, 162 Lakeview Ave., Clifton.

(c) No. 103, Boston, Mass.—Meets Wednesday evenings at Well's Memorial Hall, 987 Washington St. President, W. J. Roberts, Egypt, Mass.; Vice President, M. T. Joyce, 150 Quincy St., Dorchester; Financial Secretary, F. L. Kelley, 95 Beacon St., Hyde Park; Recording Secretary, Joseph P. Teaffe, 332 Bunker Hill St., Charlestown; Treasurer, T. Gould, 17 Wigglesworth St., Roxbury.

(b) No. 104, Boston, Mass.—Meets Wednesday, each week, at 987 Washington St., Boston, Mass. President, Mich. Birmingham, 2 Dighton Place, Brighton, Mass.; Vice President, Wm. McDonald, 299 Center St., Newton, Mass.; Financial Secretary, Howard R. Allen, 725 E. Sixth St., South Boston, Mass.; Recording Secretary, Wm. Warren, 991 Watertown St., Newton, Mass.; Treasurer, W. D. Hubbard, 8 Hancock St., Boston, Mass.

(j) No. Sub-104, Boston, Mass.—Meets second and fourth Fridays at 2:30 and 8:30 p. m., at Wells Memorial Hall, 987 Washington St. President, Annie E. Molloy, 101 Cooper St., East Boston, Mass.; Vice President, Mary C. Meagher, 42 Highland St., Hyde Park, Mass.; Financial Secretary, Gertrude E. Devine, 50 Mt. Vernon St., Dorchester, Mass.; Recording Secretary, Catherine Tierney, 60 Hecla St., Dorchester, Mass.; Treasurer, Elizabeth Breen, 90 Webster St., Cambridge, Mass.

No. Sub-One of 104, South Framingham, Mass.—Meets Tuesday, President, E. A. Peters; Vice President, W. D. Mayo; Financial Secretary, H. R. Allen, 725 S. 6th St., Boston, Mass.; Recording Secretary, J. A. McGarry, 95 E. Central St., Natick, Mass.

(a) No. 108, Tampa, Fla.—Meets Thursday at 1110½ Franklin St. President, J. A. Arnold, 1304 Florida Ave.; Vice President, F. C. Owens, care of Pen. Tel. Co.; Financial Secretary, F. J. Chancy, P. O. Box 662; Recording Secretary, E. Cherrington, care of Pen. Tel. Co.; Treasurer, J. L. Evans, P. O. Box 662.

(c) No. 110, St. Paul, Minn.—Meets first and third Thursdays of each month at Federation hall, 309 Wabasha St. President, S. W. Bush, 302 Charles St.; Financial Secretary, J. J. Purcell, 298 Charles St.; Recording Secretary, Dave

Boustedt, 1266 Charles St.; Treasurer, A. Velet, 92 Louisa St.; Business Agent, Frank Fisher, Federation Hall.

(c) No. 115, Ogden, Utah.—Meets first and third Mondays, each month, at 2464½ Washington Ave. President, J. W. Farley, 2619 Grant Ave.; Vice President, W. A. Dunn, 2419 Grant Ave.; Financial Secretary, J. R. Peterson, Box 637; Recording Secretary, C. V. Nelson, 556 29th St.; Treasurer, J. R. Peterson, Box 637.

(a) No. 116, Ft. Worth, Tex.—Meets Wednesday night, each week, at Labor Temple, 306½ Throcmorton St. President, Guss Lanman; Vice President, Chas. Shyro; Financial Secretary, W. L. Kelsey; Recording Secretary, R. A. Hunter; Treasurer, F. W. Grunewald; all mail to 306½ Throcmorton St.

(a) No. 117, Elgin, Ill.—Meets first and third Thursday nights in Trades' Council Hall, 168 Chicago St. President, L. B. Corson, 565 Walnut Ave.; Vice President, G. E. Powell, Illinois Park, R. R. No. 3; Financial Secretary, W. A. Stevenson, 721 Center St.; Recording Secretary, G. W. Hilton, 252 Orange St.; Treasurer, A. B. Adams, 273 S. Channing St.

No. 121, Augusta, Ga.—Recording Secretary, S. P. Howard, 1734 Hicks St.; Financial Secretary, R. H. Young, 1606 Hicks St.

(c) No. 124, Kansas City, Mo.—Meets Tuesday at Labor Temple, 14th and Woodland Sts. President, W. I. Langley, 1707 Myrtle; Financial Secretary, F. H. Goldsmith, 2902 E. 21st St.; Recording Secretary, P. W. Ritcher, 926 Brooklyn Ave.; Treasurer, R. B. Smith, 4440 Fairmont.

(c) No. 130, New Orleans, La.—Meets every Friday night at 612 Gravier St. President, L. Faris, 822 Charles St.; Vice President, W. H. Hauser, 5315 Tchoupitoulas; Financial Secretary, H. M. Muller, 810 Henry Clay Ave.; Recording Secretary, T. E. Todd, 1014 Octavia.

(c) No. 133, Middletown, N. J.—Meets second Wednesday of each month at Masonic Bldg., North St. President, Thomas Hodge, 10 Watkins Ave.; Vice President, Wm. Beers, 22 Wilkin Ave.; Financial Secretary, R. Meade Hunt, 24 Knapp Ave.; Recording Secretary, Arthur Loder, California Ave. (Gen. Del.); Treasurer, 19½ Grand Ave.

(c) No. 134, Chicago, Ill.—Meets Thursday night at 500 S. State St. President, Dan F. Cleary, 500 S. State St.; Vice President, Marshal Paulsen, 500 S. State St.; Financial Secretary, R. A. Shields, 500 S. State St.; Recording Secretary, G. O. Johnson, 500 S. State St.; Treasurer, A. A. Hall, 500 S. State St.

(a) No. 135, La Crosse, Wis.—Meets first and third Tuesday nights at Egel hall, 417 Jay St. President, Theo. E. Strauss, 526 North 9th St.; Vice President, T. J. Bailey, 1116 S. 6th St.; Financial Secretary, H. Seiler, 227 Winnebago St.; Recording Secretary, Aug. Friemark, 821 S. 8th St.; Treasurer, H. Y. Milligan, 1229 La Cross, St.

(c) No. 136, Birmingham, Ala.—Meets every Friday night, 8 p. m., at Building Trades Hall, 403½ N. 20th St. President, C. B. Mann, 126 Edmond St.; Vice President, W. P. Reynolds, 113 Edmond St.; Financial Secretary, W. C. Slaughter, 2314 6th Ave.; Recording Secretary, F. C. Powell, P. O. Box 205; Treasurer, A. H. Hunt, P. O. Box 205.

No. 140, Schnectady, N. Y.—Meets first and third Wednesdays at Electrical Workers' Hall, 240 State St. President, M. J. Fanning, 720 Eastern Ave.; Financial Secretary, Julius Grethem, 8 Vassar St.; Recording Secretary, John J. Hannan, 105 Edwards St.; Treasurer, William Van Vechten, Irving Pl.

No. 141, Wheeling, W. Va.—President, Wm. Brooks, 4752 Noble St., Bellaire, Ohio; Vice President, J. Reinocher, 2331½ Chapline St.; Financial Secretary, Wm. Lynn, 103 N. Huron St.; Recording Secretary, L. Feldman, 812 Market St.; Treasurer, Geo. Carle, 178 16th St.

(j) No. 142, Boston, Mass.—Meets Friday evening, 24 Warren St., Roxbury. President, G. F. Backus, 14 Rollins St.; Vice President, J. H. Loring, 51 Stanley St., Dorchester; Recording Secretary, G. F. Mahoney, 3 Fainwood Circle, Cambridge; Financial Secretary, J. A. Donoghue, 1466 Washington St.; Treasurer, J. F. Downey, 7 Everett Ave., Somerville.

(c) No. 146, Decatur, Ill.—Meets second and fourth Tuesday nights at Electrical Workers' Hall, 141 E. Main St. President, H. Alban 432 E. Main St.; Vice President, Wm. E. Drake, 1604 N. Bonedway; Financial Secretary, W. R. Cones, 1102 St. Louis Ave.; Recording Secretary, W. R. Cones, 1102 St. Louis Ave.; Treasurer, C. W. Brooks, 820 N. Packard St.

(b) No. 149, Aurora, Ill.—Meets first and Fridays at Schoeberlein Hall, Fox and Water Sts. President, F. R. MacDonald, 203 Cedar St.; Vice President, Peter C. Herkes, 506 Garfield Ave.; Financial Secretary, John Smith, 393 Wilder St.; Recording Secretary, L. R. Cole, 8 N. Spencer St.; Treasurer, N. J. Wilmes, 506 Claim St.

No. 152, Atchison, Kan.—President, Jos. Hinnen, 727½ Commercial St.; Vice President, Frank Stein, 806 N. 5th St.; Financial Secretary, H. L. Stout, 511 Commercial St.; Recording Secretary, W. F. Dipple, 509 S. 5th St.; Treasurer, H. L. Stout, 517 S. 4th St.

No. 158, Green Bay, Wis.—Meets second and fourth Mondays on 214 Pine St. President, Joe Mande, 1301 Day St.; Vice President, John Miller, 209 N. Adams; Financial Secretary, Tom Heffernan, 217 Pine St.; Recording Secretary, Howard Ladow, 415 N. Adams St.; Treasurer, Tom Heffernan, 217 Pine St.

(c) No. 164, Jersey City, N. J.—Meets every Friday, E. B., second and fourth Thursday nights at Brennan's National Assembly Rooms, 642 Newark Ave. President, Geo. Knoop, 153 Hopkins Ave.; Vice President, Walter Murphy, 213 8th St.; Financial Secretary, M. Driscoll, 515 Jersey Ave.; Recording Secretary, Arthur Wichman, 176 Hopkins Ave.; Treasurer, E. Cook 7a Palisade Ave., W. Hoboken, N. J.

(a) No. 165, Newport News, Va.—Meets Wednesday at C. L. H. hall, 32d and Washington Ave. President, C. M. Brothard, 1132 22d St.; Vice President, F. W. Boyer, 1112 22d St.; Financial Secretary, Ed. C. Kelly, R. F. D. No. 1, Box 23, Hampton, Va.; Recording Secretary, Geo. D. Poole, 2804 Chestnut Ave.; Treasurer, Ed. C. Kelly, R. F. D. No. 1, Box 23, Hampton, Va.

(c) No. 168, Kankakee, Ill.—Meets second and fourth Mondays of each month at Labor Hall, West Ave. President, Frank Duens, 733 S. Evergreen St.; Vice President, Jerry Caron, 291 S. Indiana Ave.; Financial Secretary, Harry Shekey, 291 S. Chicago Ave.; Recording Secretary, George Mackenzie, 296 W. Merchant St.; Treasurer, Henry Namitz, 520 S. 5th Ave.

(a) No. 175, Chattanooga, Tenn.—Meets every Wednesday night, 8 p. m., at Central Labor Hall. President, J. A. Foster, 25 E. 5th St.; Vice President, H. C. Towles, 5108 Orchid Knob Ave.; Financial Secretary, V. Clark, Box 102, Station A; Recording Secretary, C. E. Salisbury, 340 Chestnut St.

No. 177, Jacksonville, Fla.—President, J. R. Boyle, 1807 Highway Ave.; Vice President, T. J. Snyder, 923 Henry St.; Financial Secretary, Samuel B. Kitchen, 1011 E. Ashley St.; Recording Secretary, Albert I. Spencer, 135 W. Beaver St.; Treasurer, Theodore C. Wilson, 322 W. Ashley St.

No. 181, Utica, N. Y.—Financial Secretary, J. F. Quinn, 35 Faass Ave.

No. 183, Lexington, Ky.—President, J. H. Brock, 217 Clay Ave.; Vice President, Joe Le Clere, 256 Loudon Ave.; Financial Secretary, Wesley Allender, 608 E. High St.; Recording Secretary, E. H. Umstead, 123 Arceme Ave.; Treasurer, Frank Swency, Arceme Ave.

No. 184, Galesburg, Ill.—Meets first and third Mondays of the month at Trades Assembly Hall, Main and Seminary. President, W. C. Gorden, 274 E. Ferris; Financial Secretary, Geo. E. Springer, 273 Garfield; Recording Secretary, C. L. Cullock, 435 Maple Ave.; Treasurer, A. J. Crews, 128 S. West.

(b) No. 186, Madison, Wis.—Meets second and fourth Wednesdays at Crescent Bldg., 27 N. Pinckney St.. President, William H. Winter, Jr., 1110 Mound St.; Vice President, Mahlon Bradford, 1456 Williamson St.; Financial Secretary, Joe Braith, Box 1075, 312 N. Bassett St.; Recording Secretary, Walter Homberger, 535 W. Washington Ave.; Treasurer, Jacob Koellen, 1201 Mound St.

(a) No. 187, Oshkosh, Wis.—Meets first and third Tuesdays, 8 p. m., at Trades and Labor Hall, Main St. President, Ray Evanson, R. F. D. No. 7, Jackson St. Rd.; Financial Secretary, Patrick Joy, 41 Oakland Ave.; Recording Secretary, Ellis Nichols, 562 High St.; Treasurer, Frank Meyers, 39 School St.

(a) No. 189, Quincy, Mass.—Meets first Monday each month, at Johnson Bldg., room 22, City Sq. President, W. Hanscom, 124 Upland Road; Vice President, James B. MacKensie, 30 Berkly St.; Financial Secretary, Thomas L. Murrin, 120 Milton St., Dorchester, Mass.; Recording Secretary, Raymond L. Brown, 6 Mechanic St.; Treasurer, John E. Lynch, 40 Upland Rd.

(h) No. 190, Newark, N. J.—Meets first and third Thursdays of every month at rodel Building, 280 Plane St. President, Tom Porth, 62 Hamburg Place; Vice President, Herman Graff, 322 14th Ave.; Financial Secretary, F. A. Conery, 18 Ellis Ave., Irvington, N. J.; Recording Secretary, Wm. Varley, 261 Clifton Ave.; Treasurer, M. C. Wright, 1011 Broad St.

No. Sub-190, Newark, N. J.—Financial Secretary, E. W. Harding, 262 Washington St.

(c) No. 194, Shreveport, La.—Meets Monday, 8 p. m., at Filliquier Bldg., Market St. President, W. A. Brobst, 208 Milom; Vice President, J. T. Carlton, 219 Texas St.; Financial Secretary, Morris Chambers, Box 703; Recording Secretary, Percy Elliott, Box 263; Treasurer, J. C. Biggs, U. S. Post Office Bldg.

No. Sub-194, Shreveport, La.—Meets first Monday of each month at Electricians' hall, Filliquier Bldg., Market St. President, Dona Roatcap, 729 Colton St.; Vice President, Carra Rodgers, 1263 Murphy St.; Financial Secretary, Minnie High, 1337 Reynolds St.; Recording Secretary, Myrtle Bowman, 1148½ Texas Ave.; Treasurer, Bessie Brown, 1607 Park Ave.

(a) No. 197, Bloomington, Ill.—Meets first and third Tuesdays, at 202 S. Center. President, W. F. Weiler, 502 S. Mason St.; Vice President, Ed. Emmett, 804 S. Summit St.; Financial Secretary, Maurice Kalakor, 1521 S. Main St.; Recording Secretary, Dixon Brown, 310 S. Robinson St.; Treasurer, R. Gray, 806 Bunn St.

(a) No. 206, Jefferson City, Mo.—Meets first and third Thursdays each month, at Union hall, in County Court House. President, D. A. Dow, Monroe St.; Vice President, J. B. Leslie, Madison St.; Financial Secretary, C. E. Martin, 319 W. Atchinson St.; Recording Secretary, C. E. Martin, 319 W. Atchinson St.; Treasurer, J. W. Case, E. High St., City Hall Bldg.

No. 211, Atlantic City, N. J.—Meets every Tuesday night at Electrical Workers' Hall, 1704 Atlantic Ave. President, J. S. Bennett, 131 Westminster Ave.; Vice President, Walter E. Cameron, 149 S. Congress Ave.; Financial Secretary, Wm. H. Heppard, 6409 Winchester Ave., Ventnor City, N. J.; Recording Secretary, Edward Martin, 335 Canal St.; Treasurer, James B. Consart, Box 95, Somers Point, N. J.

No. 212, Cincinnati, Ohio.—Meets Wednesday at Cos Hall, 1313 Vine St. President, J. McFadden, Moose Wood Ave., North Fairmount; Vice President, W. B. Slater, 2365 Trevor Place, North Fairmount; Financial Secretary, Arthur Leibenrood, 14 Gilencoe Place; Recording Secretary, Ernest Simonton, 4397 Eastern Ave.; Treasurer, Albert Behman, 524 Monroe St., Newport, Ky.

(c) No. 224, New Bedford, Mass.—President, Geo. Sanderson, 1181 Pleasant St.; Vice President, Geo. Millitt, 231 Brock Ave.; Financial Secretary, Karl A. Gundersen, 313 Orchard St.; Recording Secretary, Arthur F. Gleason, 519 Rivet St.; Treasurer, Lewis Frost, 23 Fair St.

(c) No. 226, Topeka, Kan.—Meets first and third Wednesdays in each month at 418 Kansas Ave. President, T. E. Vesper, 818 W. 8th St.; Vice President, M. G. Hathaway, 1323 College Ave.; Financial Secretary, J. L. Lewis, 315 Park Ave.; Recording Secretary, Chas. Maunsell, 222 E. Euclid Ave.; Treasurer, J. F. Doane, 316 W. 7th St.

No. 233, Colorado Springs, Colo.—Meets Thursday at Obrien Block, Tejon St. President, C. W. Graham, Barton Apts.; Vice President, W. J. Wood, 2114 Cooper Ave.; Financial Secretary, D. J. Elkins, 518 N. Spruce St.; Recording Secretary, J. K. Mullen, 127 E. Animas St.; Treasurer, A. A. Stanton, 223 N. 16th St.

No. 234, Richmond, Ind.—Meets Wednesday at Labor Hall, S. 6th St. President, R. C. Gardner, 211 S. 14th St.; Vice President, Gerald Lake, 235 S. 4th St.; Financial Secretary, Walter L. Ellis, 609 N. A St.; Recording Secretary, W. F. Walters, 22 N. 11th St.; Treasurer, Fred F. Ball, 306 Chestnut St.

(c) No. 235, Savannah, Ga.—Meets every Tuesday, 8:15 p. m., at 27 E. Bay St. President, W. C. Dunn, 225 Whitaker St.; Vice President, A. B. Connor, 352 Montgomery St.; Financial Secretary, Robert Smallwood, Box 121, R. F. D. No. 1; Recording Secretary, A. E. Wells, 321 E. Congress St.; Treasurer, R. Smallwood, Box 121, R. F. D. No. 1.

No. 236, Streator, Ill.—Meets on Main St. President, Walter Brehman, 1103 E. Kent St.; Vice President, Ed Blain, 614 N. Wasson St.; Financial Secretary, Geo. Duffner, 514 W. Bridge St.; Recording Secretary, Ed Kelly, 511 S. Illinois St.; Treasurer, Geo. Duffner.

(c) No. 238, Asheville, N. C.—Meets Monday night at C. L. U. Hall, Pattos Ave. President, J. C. Giles, 12 Church St.; Vice President, C. M. Warren, 12 Church St.; Financial Secretary, Oakley C. Mills, 353 W. Haywood St.; Recording Secretary, W. J. Atwell, 12 Church St.; Treasurer, R. E. Mathews, 34 Ashland Ave.

(a) No. 246, Steubenville, Ohio.—Meets first and third Monday nights of each month at 35 K. of P. Hall, Market St. President, S. M. Richards, 112 South St.; Vice President, D. C. Hartford, Ridge Ave.; Financial Secretary, E. D. Richards, City Bldg.; Recording Secretary, C. O. Davis, Lock Box 591; Treasurer, C. H. Thompson, 327 S. 3d St.

(h) No. 247, Schenectady, N. Y.—Meets first and third Thursday nights of each month at 246 State St. President, I. D. Pangburn, 46 Guilderland Ave.; Vice President, A. Sager, 403 Summit Ave.; Financial Secretary, Jas. H. Cameron, 7 State St.; Recording Secretary, R. A. Jones, Box 696; Treasurer, C. L. Hand, 35 Turner Ave.

((h) No. Sub-247, Schenectady, N. Y.—Meets first and third Thursdays at Electrical Workers' Hall, 246 State St. President, Miss Nettie Depew, 515 Summit Ave.; Vice President, Miss Margaret Burton, 730 Stanley St.; Financial Secretary, Miss Myrtle Lape, 1216 Albany St.; Recording Secretary, Miss Margaret Leonard, 17 Seward Pl.; Treasurer, Miss Jeannette Grandy, 420 Franklin St.

No. 249, Ottawa, Ont., Can.—President, M. Burke, 166 Cambridge St.; Vice President, R. Lyons, 237 Laurier Ave. W.; Financial Secretary, S. Finch, 240 Laurier St.; Recording Secretary, E. Armstrong, 113 Waverly St.; Treasurer, W. Bond, 309 Sunnyside Ave.

(a) No. 252, Huntington, W. Va.—Meets every other Monday, 8 p. m., at Moose Hall, 4th Ave. President, A. C. Singer, 1517 7th Ave.; Vice President, A. D. Dean; Financial Secretary, W. P. Avery, 1053 Adams Ave.; Recording Secretary, N. D. Payton; Treasurer, G. J. Walker, 1911 Dalton Ave.

(g) No. 254, Schenectady, N. Y.—Meets fourth Tuesday of each month at I. B. E. W. Hall, 246 State St. President, F. Hooker, 9 Paulding St.; Vice President, J. Sanborn, 414 McClellan St.; Financial Secretary, R. J. Lyons, 407 Hulett St.; Recording Secretary, M. T. Northup, 6 Forest Rd.; Treasurer, T. Flynn, 543 Summit Ave.

(a) No. 255, Ashland, Wis.—Meets second Wednesdays of every month at Pabst Hall, 2d St. President, E. Bruce, Ashland, Wis.; Vice President, A. Veno, 600 Prentice Ave., E. Ashland, Wis.; Financial Secretary, Paul Haba, Jr., 600 Prentice Ave., Ashland, Wis.; Recording Secretary, S. J. Talaska, R. F. D. No. 1.

(a) No. 257, Lake Charles, La.—Meets second and fourth Thursdays, each month, at Union Hall, Broad St. President, Seth Sheppard, 424 Prewitt St.; Vice President, Wesley Lyons, 205 Pujo St.; Financial Secretary, J. C. Bramer, Box 439; Recording Secretary, J. C. Bramer, Box 439; Treasurer, S. T. Goodman, 203 Belden St.

(c) No. 259, Beverly, Mass.—Meets second and fourth Wednesdays of each month at Atlantic Hall, Cabot St. President, R. W. Porter, 3 Lemon St., Salem; Vice President, John F. Burns, Jackson St., Beverly; Financial Secretary, Jas. A. Robinson, 48 Highland Ave., Salem; Recording Secretary, E. M. Dawson, 5 Hardy St., Beverly; Treasurer, Geo. E. Smith, 14 Bisson St., Beverly.

(h) No. 261, Peterboro, Ontario—Meets second and fourth Wednesdays of each month at Labor Hall, George St. President, M. A. Staecker, R. R. No. 6; Vice President, J. H. Campbell; Financial Secretary, Walter Cotton, 277 Thomas St.; Recording Secretary, E. Tucker, 463 Albert St.; Treasurer, W. J. Pope, 555 King St.

No. Sub-261, Peterboro, Ontario—Meets second and fourth Tuesdays at Labor Hall, George St. President, Miss Pearl Scobell, 284 Sherbrooke St.; Vice President, Miss Ella Noyes, 265 Sherbrooke St.; Financial Secretary, Miss Violet Sullivan, 497 Parnell St.; Recording Secretary, Miss Hettie Shaw, 26 Park St.

No. 262, Plainfield, N. J.—President, Al Wagner, 331 E. 5th St.; Vice President, John King, 1627 Prospect Ave.; Financial Secretary, Wm. Reynolds, 970 Arlington Ave.; Recording Secretary, Russell H. Hann, 20 Somerset Pl.; Treasurer, Frank Pope, 73 Grandview Ave.

(a) No. 263, Tulsa, Okla.—Meets first Friday of each month at North Side Fire Station, N. Main St. President, J. A. Norris, No. 2 Fire Station; Financial Secretary, W. I. Bond, 413 S. Cincinnati Ave.; Treasurer, Ross W. Owens, 219 N. Chey.

(c) No. 267, Schenectady, N. Y.—Meets first and third Saturdays of each month on 246 State St. President, Geo. T. Kerr, 111 Fairview Ave.; Vice President, H. A. Stewart, 62 Foster Ave.; Financial Secretary, H. E. DeGroat, 717 Crane St.; Recording Secretary, H. E. Opdycke, 611 Lenox Road; Treasurer, Herbert DeGroat, 717 Crane St.

(c) No. 268, Newport, R. I.—Meets first and third Thursday nights of each month at Thames St. President, W. Powers, 11 Kilburn Court; Financial Secretary, E. M. Gladding, 14 Coddington St.; Recording Secretary, F. C. Gurnett, 70 3d St.; Treasurer, E. W. Gladding, 2 Coddington St.

No. 269, Trenton, N. J.—Meets Monday evening, 8 o'clock, at Camera Hall, 205 S. Broad St. President, Frank L. Morris, Whitehorse, N. J. R. F. D.; Vice President, Geo. Norton, 106 N. Stocton St.; Financial Secretary, Carl F. Schaffer, 696 Southard St.; Recording Secretary, Geo. Wallace, 406 Market St.; Treasurer, Geo. Cole, 209 W. Hanover St.

(h) No. 270, New York City, N. Y.—Meets first and third Tuesdays at Beethoven Hall, 210 E. 5th St. President, C. Paulson, 107 Stuben St., Brooklyn, N. Y.; Vice President, J. Hoffman, 1018 E. 156th St.; Financial Secretary, F. Man, 230 Bradhurst Ave.; Recording Secretary, R. Goetchins, 504 11th St., Brooklyn, N. Y.; Treasurer, C. Greene, 40 Washington St.; New Rochelle, N. J.

(c) No. 271, Detroit, Mich.—Meets Monday at Wayne County Bank Bldg., Congress St. President, Ed. Ismond, 597 Lincoln Ave.; Vice President, Ed. Holleran, 656 6th St.; Financial Secretary, Ed. Barrett, 805 Field Ave.; Recording Secretary, Jas. C. Reid, 383 Gr. River Ave.; Treasurer, Wm. Gibson, 187 Clifford St.

(a) No. 282, Chicago, Ill.—Meets second and fourth Monday nights at 4351 S. Halsted St. President, O. H. Lutman, 3118 Indiana Ave.; Financial Secretary, Geo. Wolf, 3637 N. Paulina St.; Recording Secretary, W. J. O'Leary, 5532 S. Loomas St.; Treasurer, Thos. Murray, 7033 E. End Ave.

(c) No. 292, Minneapolis, Minn.—Meets second and fourth Monday evenings at 16 S 5th St. President, Chas. A. Anderson, 1614 N. Washington Ave.; Vice President, J. B. Lieu, Decorah Apts; Financial Secretary, W. E. Kenney, 2937 Aldrich Ave. S.; Recording Secretary, F. E. Miller, 730 22d Ave., N.; Treasurer, P. L. Byron, 1214 E. 8th St.

No. 296, Oakland, Cal.—Financial Secretary, J. R. Prendegast, Alma Hotel, 14th and Grove Sts.

(c) No. 302, Vallejo, Cal.—Meets first and third Tuesdays at 1128 Sacramento St. President, H. P. Hart, 1124 Sutter St.; Vice President, Jas. D. Hayes, 434 Virginia St.; Financial Secretary, Robert A. Simons, Box 444; Recording Secretary, Jas. Leonard, 407 Cogland St.; Treasurer, R. A. Simons, Box 444, 1128 Sacramento St.

(c) No. 303, St. Catharines, Ontario.—Meets first and third Mondays at Banner Hall, St. Paul St. President, W. Grenville, Brown, Cliford & Jones; Vice President, Geo. Flower, 101 Vine St.; Financial Secretary, A. Resand, Sandham & Roberts; Recording Secretary, C. Walters, Brown, Clifford & Jones; Treasurer, C. Stutting, 9 St. Paul St.

(c) No. 305, Ft. Wayne, Ind.—Meets every second and fourth Wednesdays of each month at Carpenters' Hall, Calhoun St. President, R. Swihart, 201 E. Woodland; Vice President, A. Meyer, 724 Riverside; Financial Secretary, C. Grodrian, 2809 Hanna St.; Recording Secretary, Geo. G. Strohm, 706 Walnut; Treasurer, H. Miller, 1317 Jackson.

(a) No. 306, Albuquerque, N. Mex.—Meets

second and fourth Fridays at 116½ W. Central Ave. President, T. O. Drummond, 310 S. Arne St.; Financial Secretary, E. Herrman, 902 S. 4th St.; Recording Secretary, Dan Dry, 308 S. Broadway; Treasurer, J. Sena, 523 S. First St.

No. 318, Knoxville, Tenn.—President, O. L. Jordan, 910 W. 5th Ave.; Recording Secretary, Chas. Vaughan, 2518 Washington Ave.

(i) No. 319, Pittsburg, Pa.—Meets first and third Thursday nights at 411 Wood St., Pittsburg, Pa. President, Geo. E. Wheeler, 10 Freeland St.; Vice President, C. C. Freedman, 411 Wood St.; Financial Secretary, J. F. Manley, 1120 Lincoln Ave.; Recording Secretary, J. J. Slomer, 225 Lothrop St.; Treasurer, J. F. Manley, 303 Lily Ave.

(a) No. 321, La Salle, Ill.—Meets first and third Fridays at Post Hall, 1st St. President, Thomas Heffron, 828 7th St.; Vice President, Dave Donovan, 427 Creve Core St.; Financial Secretary, A. J. Bartels, 360 1st St.; Recording Secretary, Thomas Gaggis, 536 Joliet St.; Treasurer, George Green, 128 8th St.

No. 322, Terrell, Tex.—Meets every other Monday night at Carpenters' Hall, Moore Ave. President, R. A. Mercer, 701 E. Asylum Ave.; Vice President, P. R. Runnell; Financial Secretary, W. A. Wolen, 503 E. Moore Ave.; Recording Secretary, L. A. Harris; Treasurer, C. S. Anderson, 204 W. High.

No. 323, West Palm Beach, Cal.—President, E. B. Davis; Financial Secretary, J. E. Chambers; Recording Secretary, E. L. Pherigo.

No. 327, Kalamazoo, Mich.—Financial Secretary, H. Burbridge, 839 Oakland Drive.

(a) No. 328, Oswego, N. Y.—Meets first and third Fridays at Labor Hall, W. 1st St. President, John S. Joyce, 26 W. 3d St.; Vice President, E. C. Bough, 40 E. Albany St.; Financial Secretary, F. W. Gallagher, 79 E. 8th St.; Recording Secretary, Fred Manner, 22 Varick St.; Treasurer, Thos. Houllihan, E. Bridge St.

(c) No. 332, San Jose, Cal.—Meets every Wednesday night at Labor Temple, N. 2d St. President, E. Krulins, 438 Nunes Ave.; Vice President, J. H. Black, 661 S. 3d St.; Financial Secretary, J. S. Penrod, 90 Geo.; Recording Secretary, C. C. Correll, 909 Delmer Ave.; Treasurer, Geo. Baker, care of E. Baker & Sons, E. Santa Clara St.

No. 335, Springfield, Mo.—Meets Tuesday of each week over Dingleline Hall, 323 Boonville St. President, F. H. Eagleburber, 439 W. Scott St.; Vice President, O. E. Jennings, 2027 N. Campbell St.; Financial Secretary, C. W. Jennings, 833 Hamilton Ave.; Recording Secretary, Ralph Cline, 607 W. Scott St.; Treasurer, H. E. Reynolds, 1359 Frisco Ave.

(c) No. 336, Dayton, Ohio.—Meets every Tuesday evening at Room 302, E. 5th St. President, Frank Warner, 502 E. 5th St.; Vice President, M. J. Farrell, 32 McOwen; Financial Secretary, V. G. Bookout, 35 N. Jefferson St.; Recording Secretary, Ralph Davis, 414 Splitler Ave.; Treasurer, Eugene Pottle, 138 Hershey St.

(c) No. 340, Sacramento, Calif.—Meets second and fourth Friday nights at Labor Temple, 8th and I Sts. President, L. M. Clausen, 1421 25th St.; Vice President, E. G. Hearst, 1530 J St.; Financial Secretary, E. N. Fish, 1416 12th St.; Recording Secretary, R. H. Hunter, Bismarck Hotel; Treasurer, L. T. Weber, 2724 J St.

(a) No. 349, Miami, Fla.—First and third Tuesday nights at Central Union Hall, 8th and Ave D. President, E. W. Quillen, care General Delivery; Vice President, Roy Williams, 400 Ave. D; Financial Secretary, W. B. Abell, Box 734; Recording Secretary, W. M. Frish, care General Delivery; Treasurer, W. M. Frish, care General Delivery.

(c) No. 354, Salt Lake City, Utah.—Meets Wednesday, weekly, at Labor Temple, 2d E. 2d S. President, Jas. Peffers, Box 213; Vice President, G. R. Randall, Box 213; Financial Secretary, A. E. Winward, Box 213; Recording Secretary, L. R. Derbidge, Box 213; Treasurer, H. H. Hall, Box 213.

(a) No. 358, Perth Amboy, N. J.—Meets second and fourth Fridays of each month at Union Hall, 146 Smith St. President, Norris M. Terwillinger, 50 Jefferson St.; Vice President, J. C. Jensen, 117 Paterson St.; Financial Secretary, Chris Dale, 325 Oak St.; Recording Secretary, Thos. Toolin, 212 Madison Ave.; Treasurer, John K. Flomerfelt, 50 Hazelwood Ave., Rahway, N. J.; Business Agent, Norris M. Terwillinger.

(a) No. 361, Tonopah, Nev.—Meets second and fourth Friday nights at Musicians' hall, St. Patrick St.; President, M. M. Buckley, Box 293; Vice President, G. H. White, Box 1012; Financial Secretary, M. S. Evans, Box 1012; Recording Secretary, Walter Ross, Box 908; Treasurer, G. W. White, Box 1012.

(a) No. 362, Kankakee, Ill.—Meets second and fourth Fridays at Labor Hall, West Ave. President, A. F. Dunkin, 471 S. Washington Ave.; Vice President, A. E. Rice, Hobbin Heights; Financial Secretary, L. W. Healy, 182 N. Myrtle Ave.; Recording Secretary, Jess Butler, 569 S. Popular Ave.; Treasurer, L. W. Healy, 182 N. Myrtle Ave.

N. 367, Granite City, Ill.—Meets second and fourth Sunday afternoons at 19th and D. Sts. President, O. C. Isham, 2033a G. St.; Recording Secretary, John Jones, 1923 State St.; Treasurer, A. C. Hilman, 2114 Ohio Ave.

(a) No. 369 Louisville, Ky.—Meets first and third Mondays at 210 S. 5th. President, Herman A. Tepel, 114 Howard Ave., Jeffersonville, Ind.; Vice President, T. C. Buster, 651 S. 7th St.; Financial Secretary, E. L. Baxter, 2919 Montgomery Ave.; Recording Secretary, John N. Wolf, 2026 Portland Ave.; Treasurer, Harry A. Sigmier, 2656 Bank St.

No. 375, Allentown, Pa.—President, Paul W. Frey, 422 Allen St.; Financial Secretary, Fred R. Wolle, 517 N. 7th St.

No. 377, Lynn, Mass.—Meets second and fourth Mondays at 62 Munroe St. President, F. Connell, 19 Redington St., Swampscott, Mass.; Vice President, A. L. Tash, 26 Freemont St., Winthrop, Mass.; Financial Secretary, R. E. Roberts, 15 Aborn Pl.; Recording Secretary, J. B. Peltipas, 15 Friend St. Pl.; Treasurer, A. Campbell, 21 Weston St., Revere, Mass.

(j) No. 377. Sub No. 1. Lynn, Mass.—Meets first and fourth Mondays at Sharon hall, 61 Exchange St. President, Hazel E. Emery, 85 Waitts Ave., E. Lynn, Mass. Vice President, Mollie Twomey, 16 Woodman St., W. Lynn, Mass. Financial Secretary, May Sullivan, 69 N. Common St., Lynn Mass. Recording Secretary, Mary Creames, 70 Ridgeway St., Lynn, Mass. Treasurer, Anna Curry, 11½ Essex Ave., E. Lynn, Mass.

(i) No. 381, Chicago, Ill.—Meets second and fourth Wednesdays in each month at 500 S. State St. President, T. J. Carmody, 5239 Van Buren St.; Vice President, J. W. Klein, 514 Noble St.; Financial Secretary, W. Fitzgerald, 1144 W. 15th St.; Recording Secretary, C. M. Hall, 1941 Cornelia Ave.; Treasurer, Wm. Rombach, 1950 Warner Ave.

No. 382, Columbia, S. C.—Meets Thursday nights at Plumbers' hall, Main St. President, L. D. Wilson, 2212 Gadsden St. Vice President, E. T. McGrine, Y. M. C. A. Bldg.; Financial Secretary, J. G. Berry, 1423 Main St.; Re-

cording Secretary, F. B. Greene, 1012 Price Ave.; Treasurer, C. H. Arndt, 1101 Price Ave.

(c) No. 384, Muskogee, Okla.—Meets Tuesday, at Siales Bldg., S. Second. President, Tom Gresham, 109 S. 8th St. Vice President, Paul Dewine, 719 Dayton St. Financial Secretary, W. O. Pitchford, General Delivery. Recording Secretary, T. C. Stoutberg, 109 E. Broadway. Treasurer, Clifford Anderson, City Hall.

No. 388, Palestine, Tex.—Meets first and third Wednesdays. President, S. A. Taylor (temporary), Pine St. Financial Secretary, C. F. Spencer, 315 Palmer St. Recording Secretary, C. F. Spencer, 315 Palmer St. Treasurer, Atmar O'Neill, General Delivery.

(b) No. 390, Hamilton, Ont.—Meets first and third Fridays at Trade and Labor Hall, John St., S. President, A. Taunge, 40 Liberty St.; Vice President, C. W. Finnie; Financial Secretary, A. Hurd, 131 Forest Ave.; Recording Secretary, P. Tansley, 50 Catherine St., S.; Treasurer, Geo. Hurd, 117 Charlton Ave., E.

No. 392, Troy, N. Y.—Meets first and third Mondays, at Loyal Order of Moose hall, Federal and River Sts. President, Frank Miller, 1207 5th Ave., Watervliet, N. Y.; Vice President, F. W. Larkin, 24 Newman Ave., Mechanicsville, N. Y.; Financial Secretary, G. A. Caisse, 107 Ontario St., Cohoes, N. Y.; Recording Secretary, Theo. Keizer, 1343 6th Ave., Watervliet, N. Y.; Treasurer, G. A. Caisse, 107 Ontario St., Cohoes, N. Y.

(c) No. 394, Auburn, N. Y.—Meets second and fourth Wednesdays of each month at Mantel's hall, Water St. President, Thos. Mohan, 51 Steele St.; Vice President, Fred Kesters, 22 Mattie St.; Financial Secretary, Fred L. Whiting, 28 Lincoln St.; Recording Secretary, Fred L. Whiting, 28 Lincoln St.; Treasurer, Joseph Bergan, 16 Case Ave.

(f) N. 396, Boston, Mass.—Meets first and third Wednesdays at 987 Washington St. President, Arthur J. McCarron, 40 Wenham St., Forest Hills; Vice President, John Cameron, 72 Bellcone Ave., Rosendale; Financial Secretary, Jos. E. Fitzgerald, 157 King St., Dorchester, Mass.; Recording Secretary, W. J. Donahue, 366 Meridian St., East Boston; Treasurer, Walter R. Sawyer, 50 Greenwood St., Dorchester, Mass.

(a) No. 397, Corozal, C. Z., Panama.—Meets second Saturday in the month, at Hotel Metropole, Panama. President, H. W. Jacobsen, Corozal, C. Z. Vice President, F. W. Bradley, Paraiso, C. Z., box No. 133. Financial Secretary and Treasurer, Edw. W. Schnake, Corozal, C. Z. Recording Secretary, Chas. F. Van Steenberg, Corozal, C. Z.

(a) No. 402, Greenwich, Conn.—Meets first and third Thursdays of each month at 225 Greenwich Ave. President, Henry Ritch, 14 Sherwood Pl., Greenwich, Conn.; Financial Secretary, William Peck, 11 Lawrence St., Greenwich, Conn.; Recording Secretary, Harry Holbeck, 260 Railroad Ave, Greenwich, Conn.; Treasurer, William Peck, 11 Lawrence St., Greenwich, Conn.

(a) No. 403, Roanoke, Va.—Meets first and third Wednesdays at Labor Home, Commerce St. President, G. C. Turner, 407 Woodland Ave., S.E.; Vice President, G. P. Ruddell, 226 4th Ave., N.W.; Financial Secretary, H. L. Proffett, 317 4th St.; Recording Secretary, F. D. Tucker, 328 Campbell Ave., W.; Treasurer, A. L. Proffitt, 317 4th St.

(i) No. 404, San Francisco, Calif.—Meets second and fourth Mondays at Building Trades' Temple, Guerrero and 14th Sts. President, C. H. McConaughy, 145 Jersey St.; Vice President, P. Burchard, 1740 Sacramento St.; Financial Secretary, H. Zecher, 1908 Essex St., Berkeley, Calif.; Recording Secretary, J. P. Boyd, 446 14th St.; Treasurer, H. Gardiner, 33d Ave., East Oakland.

(a) No. 406, Okmulgee, Okla.—Meets Thursday night, at Central Labor hall President, G. E. Ortmann, 621 Ala. Ave. Vice President, C. H. Cover, 1006 S. Central. Financial Secretary, L. D. Roach, 408 E. 8th St. Recording Secretary, T. O. Dunnard, General Delivery, Treasurer, D. E. Shick, 514 W. 11th St.

(c) No. 410, Calgary, Alberta, Canada.—Meets every Friday at Labor Temple, 229 11th Ave. E. President, J. L. Broeckx, 2727 7th Ave., NW.; Vice President, B. C. Nicklin, 302 14th Ave., W.; Financial Secretary, R. J. Franks, 126 17th Ave., W.; Recording Secretary, Jas. J. McCourt, 410 1st St. E.; Treasurer, Geo. F. Moore, 410 1st St. E.

(i) No. 419, New York City, N. Y.—Meets first and third Fridays, 301 8th Ave. President, J. P. Willets, 264 York St., Jersey City, N. J.; Vice President, Peter Gilchrist, 330 W. 18th St.; Financial Secretary, J. Keating, 234 9th Ave.; Recording Secretary, J. Ryan, 108 16th St., W.; Treasurer, H. F. Cook, 217 Willis Ave., Bronx.

(b) No. 423, Waterbury, Conn.—Meets second and fourth Tuesdays of each month at McCarthy's Hall, Grand St. President, H. Pfurr, corner Phenix and Abbot Ave.; Vice President, A. Gagnon, 377 W. Main St.; Financial Secretary, A. O. Tyler, 411 W. Main St.; Recording Secretary, J. C. Clark, 415 W. Main St.; Treasurer, A. O. Tyler.

(a) No. 425, Roanoke, Va.—Meets first and third Wednesday nights at Labor hall. Commerce St. President, Mc D. Hunter, 102 Church St., S.W.; Vice President, J. D. Carper, 1723 3d Ave., N.W.; Financial Secretary, W. S. Peek, 744 Nelson St.; Recording Secretary, J. R. Beard, 102 Church Ave., S.W.; Treasurer, W. S. Peek, 744 Nelson St.

(a) No. 426, Portsmouth, N. H.—Meets second and fourth Tuesdays of each month at Socialist Hall, 33 Congress St. President, F. C. Hatch, Kittery, Me.; Vice President, N. J. Groux Portsmouth, N. H.; Financial Secretary, R. C. Monton, Portsmouth, N. H.; Recording Secretary, R. C. Monton, 301 Richards Ave., Portsmouth, N. H.; Treasurer, Thos. Condon, 1 Rockingham St., Portsmouth, N. H.

(a) No. 427, Springfield, Ill. Meets second and fourth Fridays, at 106 N. 6th st. President, Chas. A. Meador, 828 S. State St. Vice President, Clyde Kavanaugh, 1322 E. Jackson. Financial Secretary, J. L. Gleason, 838 S. Douglas Ave. Recording Secretary, H. L. Walters, 1403 S. 7th st. Treasurer, A. L. Long, 812 S. Pasfield.

(g) No. 429, Springfield, Mass.—Meets first and third Mondays of each month at C. L. U. Hall, Sanford St. President, John R. McNally, 75 Avon St.; Vice President, Fred L. Beebe, Camp Ground, Liberty St.; Financial Secretary, Warren E. Clark, 304 Central St.; Recording Secretary, Carl N. Butler, 438 N. Main St.; Treasurer, Robert E. Kearin, 109 Buckingham St.

(a) No. 430, Racine, Wis.—Meets second and fourth Wednesdays in Hall Building, Main and 4th Sts. President, George A. Baldwin, 630 Mead St.; Vice President, Ed Schenkenberg, 1239 Superior St.; Financial Secretary, R. M. Hogbin, 623 Lake Ave.; Recording Secretary, O. F. Rush, 1539 Quincy Ave.; Treasurer, Nels J. Rasmussen, 2823 16th St.

(a) No. 442, Schenectady, N. Y.—Meets third Monday of the month at Donahue Bldg. State St. President, John Wickham, 129 Prospect St.; Vice President, C. D. Keaveney, 743 Noti St.; Financial Secretary, C. S. Gwillam, 31 Euclid Ave.; Recording Secretary, T. H. Roberts, 949 Albany St.; Treasurer, F. C. Morehouse, R. F. D. 7, Box 153, Alplaus, N. Y.

No. Sub-442, Schenectady, N. Y.—Meets first Monday of each month at Electrical Workers' Hall, 246 State St. President, Tessie Wilson, 755 Nott St.; Vice President, Grace Ro-Meyee, 331 Veeder Ave.; Financial Secretary, Florence Hotaling, 20 Hamburg St., Schenectady, N. Y.; Recording Secretary, Mrs. Lillian Selke, 19 N. College St.; Treasurer, Nellie Blackburn, 420 Hulet St.

(a) No. 443, Montgomery, Ala.—Meets Wednesday, at 2½ Court Square. President, W. A. Busby, 513 Bibb St. Vice President, L. T. Jett, 229 Moulton St. Financial Secretary, J. R. Brooks, Box 139, res., 122 Plum St. Recording Secretary, E. G. Bragdon, res., 211 N. Hull St., Box 139. Treasurer, J. R. Brooks, Box 139.

(a) No. 444, Carlinville, Ill.—Meets first and third Tuesdays of each month at Federation hall, 121½ S. Broad St. President, W. E. Brown, 122 E. Nickless St. Vice President, W. R. Sutton. Financial Secretary and Treasurer, A. J. Oller, 319 N. Plum St. Recording Secretary, J. W. Kissel, Macoupin Co. Tel. Co.

(c) No. 453, Billings, Mont.—Meets first and third Mondays, 107 N. 27th St. President, Chas. Warner, 315 N. 27th St.; Vice President, Frank Golish, 204 N. 32d St.; Financial Secretary, E. M. Rouse, 319 S. 30th St.; Recording Secretary, E. M. Rouse, 319 S. 30th St.

No. 454, Macon, Ga.—President, R. K. Anderson, 714 Third St.; Vice President, G. M. Cox, 568 1st St.; Financial Secretary, B. H. Collins, 466 Broadway St.; Recording Secretary, F. W. Goette, 128 Academy St.; Treasurer, J. C. Holmes, 172 Magnolia St.

(c) No. 461, Aurora, Ill.—Meets every Saturday night at Moose Hall, 7 Water St. President, Frank Faulkmer, Lock Box 46, 234 Flagg St.; Vice President, E. R. Price, 246 Cleveland Ave.; Financial Secretary, Norbert Berve, 283 Woodland Ave.; Recording Secretary, J. L. Quirin, 508 Ogden Ave.; Treasurer, Norbert Berve, 283 Woodland Ave.

(a) No. 462, Waycross, Ga.—Meets every Thursday, 8 p. m., at Bunn Bldg., Elizabeth St. President, Geo. D. Cottingham, Waycross, Ga.; Vice President, O. C. Furlong, Waycross, Ga.; Financial Secretary, L. H. Palmer, Box 71, Waycross, Ga.; Recording Secretary, J. W. McCulloch, Box 71, Waycross, Ga.

(c) No. 463, Montreal, Quebec.—Meets every Wednesday night, at 325 Clark St. President, E. J. Martin, 837 St. Andre St.; Vice President, E. J. Bennett, 22 Belmont St.; Financial Secretary, D. P. Kennedy, 91 St. Matthew St.; Recording Secretary, C. M. Perkins, 2397 Clark St.; Treasurer, B. P. Bohe, 1545 St. Denis St.

(h) No. 464, Schenectady, N. Y.—Meets second and fourth Thursdays of each month at I. B. E. W. Hall, State St. President, Fred Schultdt, 1008 Delamont Ave.; Vice President, Geo. W. Weber, 6 Princeton St.; Financial Secretary, George E. Gormley, 615 Crane St.; Recording Secretary, John Boyd, 9 Ontario St.; Treasurer, John Olsen, Oakland Ave., Scotia, R. F. D. No. 2.

No. Sub-464, Schenectady, N. Y.—Financial Secretary, Geo. E. Gormley, 615 Crane St.

No. 466, Charleston, W. Va. President R. C. Miller, Summers St. Financial Secretary, C. D. Sines, 113 Roane St.

No. 410, Haverhill, Mass. Meets second and fourth Fridays of each month, at 2 Gilman Pl., Wash. Sq. President, Dan Carleton, 208 Centre St., South Groveland, Mass. Vice President, Albert C. Smith, 30 Vine St. Financial Secretary, Willis Severance, 74 Central St., Bradford, Mass. Recording Secretary, Chas. E. Warren, 91 Emerson St. Treasurer, Walter Byars, 12 Laurel Ave., Bradford, Mass.

No. 471, Millinocket, Me.—Financial Secretary, W. J. Boddy, Millinocket, Me.

(a) No. 474, Memphis Tenn.—Meets every Monday night, at Italian hall, S. 2d St. President, C. D. Pierce, 1381 Florida; Vice President, F. S. Leighton, 26 S. 2d; Financial Secretary, J. Ernest Louny, 545 Edgewood St.; Recording Secretary, C. E. Perrell, Graeben Apartments; Treasurer, J. Ernest Louny, 545 Edgewood St.

(c) No. 476, Saginaw, Mich.—Meets first and third Thursdays of each month at C. L. U. Hall, 109 N. Jefferson Ave. President, H. Cranrell, 1220 Carroll St.; Vice President, R. Hext, 132 Russell St.; Financial Secretary, Walter Behm, 425 S. 12th St.; Recording Secretary, C. Willard, 1010 N. Washington Ave.; Treasurer, O. E. Sowaski, 1615 Tuscola St.

No. 478, Waco, Tex.—Financial Secretary, F. G. West, Box 1218.

No. 479, Beaumont, Tex.—President, H. M. Sammons. Vice President, W. L. Hargraves. Financial Secretary, C. A. Weber, Box 932. Treasurer, C. A. Weber, Box 932.

No. 480, Portland, Ore.—Financial Secretary, P. A. Spice, 1027 E. 15th Ave., N.

(c) No. 481, Indianapolis, Ind.—Meets Wednesday at Labor Temple, 138 W. Washington St. President, P. A. Boland, 138 W. Washington St.; Vice President, A. Jacobs, 138 W. Washington St.; Financial Secretary, J. T. Campbell, 138 W. Washington St.; Recording Secretary, E. Nessler, 138 W. Washington St.; Treasurer, Thos. Haefling, 138 W. Washington St.; Business Agent, H. E. Courtot.

No. 485, Rock Island, Ill.—President, A. L. Loring, 1403 6th Ave.; Vice President, H. C. Auld, 1412 6th Ave.; Financial Secretary, Geo. Kling, 129 12th St.; Recording Secretary, E. T. Anderson, 1025 16th Ave.; Treasurer, E. A. Martin, 859 17th St.

(c) No. 488, Bridgeport, Conn.—Meets second and fourth Mondays of each month at Park Theater Bldg., Main St. President, Walter G. E. Clark, 482 Broad St.; Vice President, Albert S. Walkley, 107 Fairview Ave., Stratford, Conn.; Financial Secretary, Edward Dohelstein, 1073 Maidson Ave.; Recording Secretary, E. L. Dearborn, 640 Warren St.; Treasurer, J. P. Johnston, 150 6th St.

(b) No. 490, Dallas, Tex.—Meets every Tuesday at Waiters' Hall, 1802½ Elm St. President, A. W. Wright, P. O. Box 572; Vice President, O. A. McDaniels, P. O. Box 572; Financial Secretary, O. W. Allen, 728 Sunset Ave.; Recording Secretary, Rex Haynes, P. O. Box 572; Treasurer, O. W. Allen, 728 Sunset Ave.

(b) No. 492, Montreal, Quebec.—At Couharrille Hall, Chouck St. President, E. Bouchard, 256 Breufeuf St.; Vice President, F. Neckel, 396 Montcaine St.; Financial Secretary, Jos de Repentigny, 1240 Parthenais St.; Recording Secretary, F. Daniel, 1409 Notre Dame, W.; Treasurer, Jas. Harnel, 178 Dehnelle.

(c) No. 493, Columbus, Ga.—Meets every Monday night at 8:00 p. m. at Knights of Columbus Hall, Broad St. Vice President, J. M. Hudson, Girard, Ala.; Financial Secretary, J. Hudson, 1223 Broad St.; Recording Secretary, Lewis E. Johnson, Girard, Ala.; Treasurer, J. W. Elder, 813 1st Ave.

(c) No. 494, Milwaukee, Wis.—Meets every Friday at Paschens' Hall, 325 Chestnut St. President, J. W. Daley, 2518 Chestnut St.; Vice President, P. C. Fabere, 579 6th St.; Financial Secretary, Henry L. Faber, 1113 17th St.; Recording Secretary, B. Edwards, 1707 State St.; Treasurer, John Anderson, 640 21st Ave.

No. Sub-495, Schenectady, N. Y.—Meets second and fourth Tuesdays, every month, at Electrical Workers' Hall, State St. President, Miss Frances Hannah, 107 Ballston Ave., Scotia, N. Y.; Vice President, Mary Broderick, 518 Schenectady St.; Financial Secretary, Lettie Koppledt, 412 Frances Ave.; Recording Secretary, Louise Van Wert, 27 State St.; Treasurer, Margaret Rice, 212 2d Ave.

(a) No. Sub-495, Schenectady, N. Y.—Meets fourth Tuesday night of each month at Electrical Workers' hall, State St. President, Frances Hannah, 107 Ballston Ave., Scotia, N. Y.; Vice President, Mary Broderick, 518 Schenectady St.; Financial Secretary, Mrs. Lettie Hoppstead, 412 Frances Ave.; Recording Secretary, Louise Van Wert, 618 Terrace Place, Schenectady, N. Y.; Treasurer, Margaret Rice, 212 2d Ave., Schenectady, N. Y.

No. 498, San Francisco, Cal.—Meets second and fourth Monday nights each month, at Building Trades Temple, 14th and Guerrero. President, Alex J. Pringle, 40 Carl St. Vice President, C. C. Crance, 140 Langton St. Financial Secretary, O. C. Mayes, 198 6th Ave. Recording Secretary, S. P. Neal, 684 Howard St. Treasurer, J. E. Dixon, 600 Oak st.

No. 499, Brockton, Mass.—Meets second Tuesday and fourth Wednesday evenings of each month at No. 28 Main St., Room 211. President, Frederick B. Goodwin, 268 Belmont St.; Vice President, Paul Gassett, 50 Glenwood Ave.; Financial Secretary, David E. Aldrich, 96 Mo Raine St.; Recording Secretary, Albert B. Barker, care of N. E. Tel. Co., or O. C. Gassett, 50 Glenwood Ave.; Treasurer, Thos. F. Slowey, 29 Hancock St.

No. 501, Yonkers, N. Y.—Meets first and third Fridays of each month, at Wiggins hall, 24 N. Broadway. President, Wm. Parslow, Cliff St. Vice President, A. S. Hohe, Yonkers Ave. Financial Secretary, F. E. Crowley, 24 Astor Pl. Recording Secretary, H. Wildberger, Jr., 119 S. High St., Mt. Vernon, N. Y. Treasurer, C. P. Smith, 266 Jessamine Ave.

(i) No. 503, Boston, Mass.—Meets second and fourth Mondays at Well's Memorial Bldg., 987 Washington St. President, Frank J. Fell, 771 Somerville Ave., Somerville, Mass.; Vice President, Geo. W. Noreau, 2 Colonial Ave., Dorchester, Mass.; Financial Secretary, Arthur Sterr, 27 Sunnyside St., Roxbury, Mass.; Recording Secretary, Geo. A. Deans, 9 Appleton St., Atlantic, Mass.; Treasurer, F. H. Davidmeyer, 89 Wenham St., Forest Hills, Mass.

(a) No. 504, Grand Rapids, Mich.—Wednesday of each week at Central Labor Hall, Monroe Ave. President, L. E. Morgan, 823 Innes St.; Vice President, P. E. Goodrich, 232 Bartlett St.; Financial Secretary, A. R. Schneider, 805 Sutton Ave.; Recording Secretary, O. S. Livergood 209 Willow Court; Treasurer, C. Galer, 1014 Franklin St.

(a) No. 505, Corpus Christi, Tex.—Meets Tuesday of each week at Trades Council Hall, 402½ Chaparral St. President, N. Gravett, 1317 Mesquite St.; Vice President, W. H. Whitworth, Salt Lake Ave.; Financial Secretary, Kevin Dunne, 904 Chamberlain and care of C. C. Ice & Electric Co.; Recording Secretary, M. E. Davis, care of Priour Bros. Electric Co.; Treasurer, A. F. Hansen, care of Texas Motor Car Works.

(a) No. 506, Chicago Heights, Ill.—Meets second and fourth Monday nights at Trades and Labor Assembly, Chicago Road. President, Walter Niblock, Vincennes Ave.; Vice President, Sam Patterson, E. 23d St.; Financial Secretary, Thos. F. Ryan, 292 W. 15th St.; Recording Secretary, Otto Koehler, Euclid Ave.; Treasurer, F. E. Martin, Centre Ave.

No. 510, Philadelphia, Pa.—Financial Secretary, Joseph Graham, 3113 Edgemont St.

(a) No. 513, Manchester, N. H.—Meets first and third Tuesdays. President, Michael Dorris, 21 Arkwright St.; Vice President, Clyde Lord, Main St., Concord; Financial Secretary, D. S. Flynn, 47 Green St., Concord; Recording Secretary, H. O. Squires, 310 Herson St., Nashua; Treasurer, Alfred Cotton, 8 Chappel St., Concord.

No. 514, Buffalo, N. Y.—Financial Secretary, G. C. King, 179 Waverly St.

(c) No. 526, Santa Cruz, Cal.—Meets first and third Wednesday nights of each month alternately at Santa Cruz, Watsonville Painters' Union hall, 54½ Pacific Ave. President, H. W. Clark, Santa Cruz, Cal., Box 154; Tary, J. Tondorf, Box 49; Recording Secretary, F. L. Fitch, 236 Broadway, Santa Cruz, Cal.

(a) No. 527, Galveston, Tex.—Meets every Friday night, 8 p. m. at Red Men's hall, 21st and D. Sts. President, C. E. Friend, L. P. Tschurry Elec. Co. Vice President, A. A. Loden, 2205 Ave. R. Financial Secretary, L. Dalian, 2408 Ave. D. Recording Secretary, L. H. Dalian, 2408 Ave. D. Treasurer, M. C. Lomer, 2419 Ave. F.

(a) No. 528, Milwaukee, Wis.—Meets second and fourth Fridays of each month in Freie Gemeinde Hall, 262 4th St. President, Paul Behne, 668 37th St., Milwaukee; Vice President, Eugene Colher, 229 Mason; Financial Secretary, James Hagerman, 619 Linus St.; Recording Secretary, Arnold Radtke, 845 69th Ave., West Allis, Wis.

(c) No. 534, New York, N. Y.—Meets every Thursday at Labor Temple, 247 E. 84th St. President, Chas. Reed, 50 E. 59th St.; Vice President, Jos. Lawler, 50 E. 59th St.; Financial Secretary, W. A. Hogan, 50 E. 59th St.; Recording Secretary, G. W. Whitford, 50 E. 59th St.; Treasurer, Eugene Roth, 50 E. 59th St.

(b) No. 535, Evansville, Ind.—Meets Friday night at Owls' Home, 3d and Sycamore Sts. President, Oscar A. La Mon, 923 E. Louisiana St.; Vice President, J. A. McGune, Ruston hotel; Financial Secretary, W. A. Cartwright, 609 Third Ave.; Recording Secretary, Fred J. Stewart, 906 Vine St.; Treasurer, Herman A. Tischer, 32 Maple Ave.

(c) No. 536, Schenectady, N. Y.—Meets first and third Saturdays of each month, 246 State St. President, W. J. Blanchard, 10 Odell St.; Vice President, W. Bisgrove, Stop 4 Albany Rd.; Financial Secretary, T. Rourke, 359 Carrie St.; Recording Secretary, Henry D. Leason, 16 Close St.; Treasurer, A. J. Breck, 121 Van Vrankin Ave.

(a) No. 538, Danville, Ill.—Meets every Wednesday at Mechanic's Club, 148 Vermillion St. President, Arnold Schroeder, 630 South St.; Vice President, John V. White, 8308 Johnson St.; Financial Secretary and Treasurer, H. A. Wright, 514 Bensyl Ave.; Recording Secretary, Harry Sagers, 15 Illinois Ave.

(c) No. 539, Long Beach, Cal.—Meets second and fourth Thursday nights of each month at Stewart's hall, 3rd St. President, A. A. Wolff, 820 W. Broadway; Vice President, A. H. Ralph, 2336 Myrtle Ave.; Financial Secretary, R. Y. Fish, 795 Rose Ave.; Recording Secretary and Treasurer, W. E. Roberts, 848 St. Louis Ave.

(i) No. 541, Minneapolis, Minn.—Meets second and fourth Tuesdays of each month at Federation Hall, 104 Washington Ave., S. President, W. D. Cochran, 4905 28th Ave., S.; Vice President, C. H. Finley, 4809 30th Ave., S.; Financial Secretary, H. E. Gable, 3317 Nicollet

Ave.; Recording Secretary, J. A. Meyrelles, 314 E. 14th St.; Treasurer, A. S. Nelson, 819 23d Ave., S.

(a) No. 546, Porterville, Cal. Meets first and third Fridays, at 525 4th St. President, B. H. Maxon, 525 4th St.; Vice President, Frank Rounsaville, 222 S. Hockett St. Financial Secretary and Recording Secretary, A. D. Davis, 200 Walnut. Treasurer, Bert Maton, 525 4th St.

No. 547, Fairmont, W. Va.—Meets first and third Sundays each month. Meeting place Fleming Bldg. President, A. C. Michael, 932 4th St. Vice President, E. M. Call, Gen. Delivery, Clarksburg, W. Va. Financial Secretary, J. A. Callaghan, Gen. Delivery, Clarksburg, W. Va. Recording Secretary, J. G. Collins, 936 4th St., Fairmont, W. Va. Treasurer, E. H. Chigas, 1318 17th St., Fairmont, W. Va.

No. 548, Pekin, Ill.—Meets second and fourth Wednesdays of the month at Trades Council Hall. President, Harry Radcliffe; Vice President, A. W. Hodgkins; Financial Secretary, Fred Tanner; Recording Secretary, R. W. Koch.

No. 551, Amsterdam, N. Y.—Financial Secretary, Wm. Meceir, 333 E. Main St.

No. 552, Lewistown, Mont.—Meets first Tuesday of each month at Court House, Main St. President, Roy Raymond; Recording Secretary, E. D. Porter, Box 121.

(a) No. 557, York, Pa.—Meets Tuesday evenings at Gehly Building, W. Market St. President, R. Gallager, 327 N. Geo. St.; Vice President, B. H. Dennes, 647 Rouse Ave.; Financial Secretary, Edw. H. Shindler, 1001 N. Duke St.; Recording Secretary, Arthur Baum, 128 N. Grant St.; Treasurer, R. C. McAfee, 276 S. Albermarl St.

(c) No. 560, Pasadena, Cal.—Meets every Thursday night at 42 E. Walnut St. President, P. H. Quinn, 172 S. Meredith Ave.; Vice President, L. B. Schrader, 792 Merrett Drive; Financial Secretary, C. P. Rice, 589 Buckeye St.; Recording Secretary, A. D. Barnard, 1969 N. Farengo Ave.

(h) No. 561, Montreal, Quebec, Canada—Meets second and fourth Tuesdays in each month, at 325 Clarke St., Colonial hall. President, Thos. McKeown, 1659 Bardeau St. Vice President, R. Dawes 1238, B. Messier St. Financial Secretary, T. A. Chatham, 1250 Fillum Ave., Opp. Mt. Royal Ave. Recording Secretary, D. C. Robertson, 1247 Parthenais St. Treasurer, Geo. Hassan, 753 Atwater Ave.

No. 562, Kenosha, Wis.—Financial Secretary, J. Schippers, 610 Park St.

(a) No. 564, Windsor, Ontario.—Meets every Thursday night at Trades Hall, Ouellette and Sandwich Sts. President, Edward Ismond, 597 Lincoln, Detroit, Mich.; Vice President, Ed. Mahon, 49 Goyeau St.; Financial Secretary, C. C. Killen, 241 London St.; Recording Secretary, R. MacDonald, 27 Langlois; Treasurer, F. McFarlane, 160 Gladstone.

(a, i) No. 565, Schenectady, N. Y.—Meets second and fourth Mondays of each month, at Donahue Bldg., State St. President, Joseph Gross, 107 5th Ave.; Vice President, John Shible, 424 Pleasant St.; Financial Secretary, W. P. Mooney, 5 3d St.; Recording Secretary, E. H. Lester, 219 Broadway; Treasurer, E. M. Hayes, 25 3d St.; Trustee, Thos. Farry, 827 Locust Ave.

No. Sub-565, Schenectady, N. Y. — Meets second Monday of the month at Donahue Bldg., State St. President, Mae Smith, 917 Lincoln Ave.; Vice President, Josephine Weldom, 9 Villa Rd.; Financial Secretary, Alice M. Wright, 717 Vale St.; Treasurer, W. P. Mooney, 5 Third St.

No. 578, Valdosta, Ga.—Financial Secretary, S. M. Connor. Recording Secretary, L. E. Woodward.

No. 579, Globe, Ariz.—Financial Secretary, C. Phipps, Box 1191.

(a) No. 581, Morristown, N. J.—Meets first and third Monday nights over Post Office, Park Pl. President, Frank Cole, 18 Liberty St.; Vice President, A. L. Thompson, 3 Locust St.; Financial Secretary, John H. Watson, Glenbrook Pl., Morris Plains; Recording Secretary, Harry Anson, 9 Fairview Pl.; Treasurer, John H. Watson, Glenbrook Pl. Morris Plains.

(c) No. 583, El Paso, Tex.—Meets every Friday night at Union Labor Hall, cor. Overland and Kansas Sts. President, G. W. Cook, P. O. Box 36; Vice President, A. W. Rodgers, P. O. Box 436; Financial Secretary, E. D. Davis, P. O. Box 436; Financial Secretary, Harry Kinle, P. O. Box 436; Treasurer, E. D. Davis, P. O. Box 436.

(a) No. 586, Toronto, Ontario, Canada.—Meets every Tuesday night at Labor Temple, Church St. President, A. Farquhar, 94 Chester Ave. Vice President, A. E. Fromholz, 481 Ontario St. Financial Secretary, Gail Jones, 83 McCavil St. Recording Secretary, George Parlin, 22 O'Connell Ave. Treasurer, Harry Simpson, 7 Connaught Ave.

(c) No. 588, Lowell, Mass.—Meets first and third Fridays of each month at Room No. 6 Fiske Block, 219 Central St. President, Chester W. McDonald, 294 High St.; Vice President, James A. Mylott, 74 Ludlam St.; Financial Secretary, Joseph F. Hurley, 32 2d St.; Recording Secretary, George E. Bell, 134 Gorbam St.; Treasurer, Henry F. Quimby, 52 Willow St.

(c) No. 591, Stockton, Cal.—Meets Monday night, at Building Trades hall, 19 N. Hunter St. President, H. A. Brown, 1131 S. Center St. Vice President, C. Folk, E. Winner Ave. Financial Secretary, W. R. Gregory, 1017 S. Sutter. Recording Secretary, Harry S. White, 1235 E. Main St. Treasurer, W. R. Gregory, 1017 S. Sutter.

(i) No. 592, Kansas City, Mo.—Meets Thursdays at Labor Temple, 1402 Woodland St. President, M. F. McCarthy, Mt. Washington, Mo.; Vice President, A. J. Eagle, 2116 Troast Ave.; Financial Secretary, R. R. Deer, 3936 Woodland Ave.; Recording Secretary, F. C. McCalmont, 3409 E. 24th St.; Treasurer, H. S. O'Neal, 2538 Summitt St.

(c) No. 595, Oakland, Cal.—Meets Monday at 304 4th St. President, C. M. Reek, 2137 Park Boul. Vice President, J. Manning, 641 E. 78th St. Financial Secretary, F. W. Alder, 2135 26th Ave. Recording Secretary, W. J. Parr, 3416 Davis. Treasurer, M. E. Parr, 2315 E. 27th.

(c) No. 601, Champaign and Urbana, Ill.—Meets first and third Fridays at Painter hall, University Ave. President, A. C. Sinfush, Armory Ave. Vice President, S. E. Griffith, 1103 Clarkdale Ave. Financial Secretary, Geo. H. Said, 1109 W. White St. Recording Secretary, R. A. Waller, Urbana, Ill. Treasurer, O. G. Welch, S. Second St.

No. 608, San Jose, Cal.—Meets second and last Monday in each month, at Belloli hall, 3d and San Ferna Sts. President, C. G. Smith, 146 N. 4th St. Vice President, Benj. Proctor, 260 S. 1st St. Financial Secretary, G. G. Skinner, 651 S. 8th St. Recording Secretary, H. L. Kirkman, 79 E. San Fernando St. Treasurer, E. D. Burkhead, 456 Vine St.

(c) No. 614, San Rafael, Calif.—Meets first Tuesday in the month at Building Trades' Hall, B St. President, W. M. Meagor, Ross Valley; Vice President, H. R. Eklund; Financial Secretary, H. E. Smith, 210 H St.; Recording Secretary, H. E. Jorgensen, 239 D St.; Treasurer, H. E. Smith, 210 H St.

No. 616, Worcester, Mass.—Meets first and third Tuesdays at Moose hall, 35 Pearl. President, George H. Spelman, 10 Robertson. Vice President, Frank Kenney, 84 Pleasant St. Financial Secretary, W. A. Richardson, 149 Chandler St. Recording Secretary, George E. Winchester, 628 Cambridge St. Treasurer, H. R. Knight, 24 Brandon Rd.

(c) No. 617, San Mateo, Cal.—Meets first and third Tuesdays at B. F. C. hall, B St. President, A. S. Moser, 63 N. F. St. Vice President, C. Bradford. Financial Secretary, H. F. Magee, 134 N. C. St. Recording Secretary, C. H. Morrison, 116 Griffith Ave. Treasurer, C. H. Morrison, 116 Griffith Ave.

No. 619, Hot Springs, Ark.—President, Wm. N. Foss; Vice President, W. N. Stephenson; Financial Secretary, B. L. DeWitt; Recording Secretary, Nathan Meyers, 222 Parker Ave.; Treasurer, Roy Smith; Press Secretary, J. D. Peel.

No. 620, Sheboygan, Wis.—President, Harry Peppes, 923 N. 4th St.; Vice President, F. V. Cooper, N. 9th St.; Financial Secretary, Geo. Fairweather, 1519 N. 3d St.; Recording Secretary, Tom McDonald.

(b) No. 622, Dover, N. H.—Meets first and third Fridays. President, Frank England, 11 Ham St., Dover, N. H.; Vice President, Fred Tedford, A. O. H. Hall, Central Ave.; Financial Secretary, John McDonough, 235 Locust St., Dover, N. H.; Recording Secretary, Eugene Goodwin, 18 Horne St., Dover, N. H.; Treasurer, Jas. Driscoll, 260 Central Ave., Dover, N. H.

(c) No. 625, Halifax, N. S., Canada.—Meets third Wednesday of each month at 71 Agricola St. President, W. F. Spruim, 108 Edward St.; Vice President, E. A. Nickerson, 10 Martland St.; Financial Secretary, F. H. Nickerson, 6 Summit St.; Recording Secretary, H. J. Smith, 4½ Uniacke St.; Treasurer, H. J. Smith, 4½ Uniacke St.

(c) No. 627, Bakersfield, Cal.—Meets first and third Mondays of each month at Temporary, 1722 Chester Ave. President, George W. Jason, 1722 Chester Ave.; Vice President, Max W. C. Klunder, 6th and Union; Financial Secretary, L. S. Gibbs, 600 Monterey; Recording Secretary, J. G. Eckles, 903 Baker St.; Treasurer, L. S. Gibbs, 600 Monterey.

(c) No. 628, Stamford, Conn.—Meets second and fourth Tuesdays at Weeds' hall, Atlantic St. President, Harry Blat, 120 Broad St. Vice President, Wm. Herrigan, Springdale, Conn. Financial Secretary, W. D. Church, 50 Division St. Recording Secretary, Wm. H. Wadham, R. F. D. No. 29; Treasurer, W. D. Church, 50 Division St.

(c) No. 631, New Burgh, N. Y. Meets first Tuesday in each month, at Manachoir hall, Chamber St. President, Carl Hauson, 74 Benkard Ave. Vice President, Roy Westervelt, 80 City Terrace. Financial Secretary, Edward T. McDonald, 59 William St. Recording Secretary, Lenard Herrmann, 316 3d St. Treasurer, E. F. McDonald, 59 Williams St.

No. 635, Muskegon, Mich.—Financial secretary, O. S. Lyons, 201 Terrace St.

No. 636, Marion, Ill.—Financial Secretary, Ernest Harris, Gen. Deliv.; Recording Secretary, E. O. Knight.

No. 639, Pt. Arthur, Tex.—President, A. J. Brown; Vice President, F. H. Hoffman; Financial Secretary, R. McDaniel, Box 73; Recording Secretary, G. T. Dunaway; Treasurer, R. McDaniel.

(j) No. Sub-643, Springfield, Mass.—Meets second and fourth Tuesdays at C. L. U. Hall, 19 Banford St. President, Anastasia Viederman, 487 New Bridge St., W.; Vice President, Grace Tink-

ham, 47 Lowell St.; Financial Secretary, Grace Dailey, 333 Eastern Ave.; Treasurer, Helen Burke, 21 Everette St.

(h) No. 644, Schenectady, N. Y.—Meets second and fourth Fridays at Electrical Workers' Hall, State St. President, J. E. Anderson, Mohawk Ave., Scotia, N. Y.; Vice President, P. McCray, McClullan St.; Financial Secretary, G. Simpson, Sacondoga Rd., Scotia, N. Y.; Recording Secretary, E. A. Jandro, 309 Craig St.; Treasurer, G. L. Osteroult, 458 Duane Ave.

No. 645, Schenectady, N. Y.—President, Thos. Welch, 332 Germania Ave.; Vice President, L. Crammer; Financial Secretary, R. Minkler; Recording Secretary, G. Warren; Treasurer, John Lana'an, 403 Paige St.

No. 648, Hamilton, Ohio.—Meets second and fourth Tuesday at Painters hall. President, A. D. Howard, 911 Sycamore St. Vice President, Celdon Symms, R. F. D. No. 4. Financial Secretary, A. D. Howard, 911 Sycamore St. Recording Secretary, C. Schafer, 118 S. 3d St. Treasurer, Roy Schroder, 547 Central Ave.

(c) No. 658, Little Rock, Ark.—Meets first and third Tuesdays at Kirt Hall, 910½ Main St. President, E. L. Ketzsch, care of Treadway Elect. Co.; Vice President, John Meck; Financial Secretary, F. R. Sibert, 3212 W. 11th St.; Recording Secretary, K. D. Vance, 139 Riverside Ave.; Treasurer, F. R. Sibert, 3212 W. 11th St.

No. 659, Dunkirk, N. Y.—Meets second Sunday at 3 P. M., at Wirtners hall, 333 Lion St. President, Chas. Constantino, 330 Deer St. Dunkirk; Financial Secretary, Benj. Landers, 108 Ruggles St. Recording Secretary, Iyon E. Palmer, 84 Hamlet, Fredonia. Treasurer, E. Lemondski, 16 Genett St.

(c) No. 660, Waterbury, Conn.—Meets first and third Friday of each month, at Central Labor Union hall, 152 S. Main St. President, William S. Crowley, Oakville, Conn. Vice President, Louis B. Hitchcock, Wolcott, Conn. Financial Secretary, Merritt Walters, Prospect, Conn. Recording Secretary, Herman W. Abel, care J. Dick, 29 Field St., Waterbury. Treasurer, Paul A. Kelder, 43 E. Liberty St., Waterbury.

No. 661, Hutcheson, Kan.—Financial Secretary, Don Jennings, R. F. D. No. 2.

No. 664, New York City, N. Y.—Meets second and fourth Fridays, at Brooklyn Labor Lyceum, Myrtle and Willoughby Aves. President, James Verdon, 423 Stanhope, cor. Cypress Ave., Brooklyn. Vice President, Joseph Marion, 13 S. Oxford St., Brooklyn; Financial Secretary, Robert Lavender, 165 Concord St., Brooklyn; Recording Secretary, J. W. Skelton, 91 Vanderbilt Ave., Brooklyn; Treasurer, Wm. H. Jarvis, 543 E. 4th St., Brooklyn.

(c) No. 666, Richmond, Va.—Meets second and fourth Monday nights, at Tompson hall, 1st and Broad Sts. President, W. W. Ingalls, 214 N. 32d St.; Vice President, C. J. Alston, 3603 Fulton St.; Financial Secretary, W. A. Hutcheson, 310 N. Sycamore. Recording Secretary, W. P. Nebitt, 1433 Hull St., So. Richmond. Treasurer, L. R. Warinner, 723 N. 26th St.

(a) No. 667, Pittston, Pa.—Meets first and third Mondays at St. Aloysius Hall, Main St. President, Frank Miller, 89 Searl St.; Vice President, George Robison, Swallow St.; Financial Secretary, E. L. Rowan, 27 Tedrick St.; Recording Secretary, Michael Neary, Market St.; Treasurer, Patrick Hurly, 109 Pine St.

(c) No. 668, La Fayette, Ind.—Meets first and third Monday of each month, at Labor Temple, 5th and Columbia Sts. President, A. J. Norris, 642 Main St. Vice President, Thomas Reid, 642 Main St. Financial Secretary, J. H. Glenn, 1107 N. 9th St. Recording Secretary, Ralph Brassie, 337 S. 26th St. Treasurer, J. H. Glenn, 1107 N. 9th St.

No. 675, Elizabeth, N. J.—Meets first and second Tuesday each month at 225 Broad St. President, R. D. Lewis, 24 Sheridan Ave. Vice President, G. Riteyemeyer, 314 Trinity Place. Financial Secretary, E. J. Molloy, 400 S. Broad St. Recording Secretary, T. Roll, 429 E. Jersey St. Treasurer, L. Colton, 282 2d St.

(a) No. 677, Gatun, Canal Zone, Panama.—Meets second and fourth Wednesdays, bi-monthly, at Gatun Hall, Gatun; C. Z. President, Chas. C. DeLong; Vice President, D. C. Dickinson; Financial Secretary, Aug. Giése; Recording Secretary, Chas. Mead; Treasurer, Adrian Butcher, Sr.

(j) No. 679, Philadelphia, Pa.—Meets every Friday evening at Labor Lyceum, 6th and Brown Sts. President Gilbert Serpass, 2303 N. 19th St. Financial Secretary, Edward Gayton, 2527 S. 17th St. Recording Secretary, Chas. Miller, 160 E. Ontario St. Treasurer, Wm. Reber, 1230 Harold St.

No. 680, Fond du Lac, Wis.—Meets first and third Fridays of each month, at Trades and Labor hall, 3d and Main Sts. President, R. B. Mason, 342 Morris St.; Vice President, Bert Baker, 224 E. Cotton St.; Financial Secretary, Ben. Liermann, 401 Walker St.; Recording Secretary, Walter Schmidt, 391 4th St.; Treasurer, John O'Brien, 96 Harrison Pl.

(a) No. 682, New York City, N. Y.—Meets second and fourth Fridays at Schuetzen hall, 12th St., Neark Place. President, J. S. Morse, 2330 7th Ave. Vice President, Geo. Hanusler, 825 Prospect St., Richmond Hill, L. I., N. Y. Financial Secretary, E. F. Smith, 767 Monroe St., Brooklyn, N. Y. Recording Secretary, C. E. Van Fleet, 10 Elm St., Mt. Vernon, N. Y.; Treasurer, William P. Keeler, 500 W. 179th St.

(a) No. 685, Roslyn, Wash.—Meets Wednesday nights at N. W. I. Building, Penn. Ave. President, James Manville, Cle Elum, Wash.; Vice President, Wm. Crooks, Cle Elum, Wash.; Financial Secretary, Percy Wright, Box 249; Recording Secretary, James Reese, Roslyn, Wash.; Treasurer, J. A. Caillier, Roslyn, Wash.

No. 694, Youngstown, Ohio.—Meets first and third Tuesday nights, of each month at Atty's Hall, N. Phelps St. President, W. R. Pounders, Hubbard, Ohio; Vice President, C. J. Knittle, 330 Ayers St.; Financial Secretary, F. Korth, 115 Berlin St.; Recording Secretary, J. B. Warhis, 280 E. Federal St.; Treasurer, W. W. Bryn, 72 Montgomery Ave.

(c) No. 695, St. Joseph, Mo.—Meets Tuesday night at K. P. Hall, 7th and Edmond. President, H. A. Bain, 1606 Pacific; Vice President, Earle G. Long, 1633½ Frederick Ave.; Financial Secretary, Wm. Wagner, 2107 Penn St.; Recording Secretary, A. L. Utz, 712 Locust St.; Treasurer, W. Valentine, 1334 S. 15th St.

(c) No. 696, Albany, N. Y.—Meets second and fourth Tuesdays, at Beaver Block, S. Pearl St. President, Geo. W. Colney, 86 Hudson Ave. Vice President, Francis Cummings, 115 N. Boulevard. Financial Secretary, J. J. Dowling, 70 Bradford St. Recording Secretary, T. J. Luddy, 100 Hudson Ave. Treasurer, J. J. Dowling.

No. 697, Gary, Ind.—Meets first and third Thursdays at Labor hall, 560 Broadway, Gary, Ind., and second and fourth Thursdays at Long's hall, State St., Hammond, Ind. President, Arthur McGraner, Box 347. Vice President, F. A. Corgrove, 501 E. State St., Hammond, Ind. Financial Secretary, J. W. Wagner, 416 Madison St. Recording Secretary, H. G. Wesbecker, 1720 Washington St. Treasurer, R. F. Abbott, 48 Sibley St., Hammond, Ind.

(a) No. 699 a, Gloucester, Mass.—Meets first and third Tuesdays, at Teamsters' hall, Main St. President, Harold M. Nelson; Vice President, Rodrick P. Frazer, 32 Bass Ave.; Financial Sec-

retary, Eugene R. Lord, 381 Wash St.; Recording Secretary, Sylvester D. Deering, 18 Washington St.; Treasurer, Sidney S. Favor, 121 Rogers St.

No. 700, Pittsburg, Kan.—Meets first and third Tuesday of each month at Labor Temple, Broadway. President, C. A. Wiles, 1805 N. Broadway. Vice President, Ed Case, 410 W. Park. Financial Secretary, H. V. Hartman, 1809 N. Locust. Recording Secretary, Frank Lonthosky, 1609 N. Grand.

(a) No. 701, Wheaton, Ill.—Financial Secretary, A. W. Busch, Elmhurst, Ill.

No. 702, Herrin, Ill.—Meets every Tuesday at N. Park Ave. President, Lawrence Hundby. Vice President, John L. Ampfer; Financial Secretary, Carl Smith. Recording Secretary, Ransom Little. Treasurer, Dave Baker.

(a) No. 703, Edwardsville, Ill.—Meets second and fourth Fridays of each month at Bohm Hall, Main and Vandalia Sts. President, W. W. Schluter, 202 St. Louis St.; Vice President, C. C. Lail, care Mad. St. & Pr. Co., Granite City, Ill.; Financial Secretary, C. H. Hotz, 211 Clay St.; Recording Secretary, H. M. Hills, 116 West St.; Treasurer, Wm. Duell, 107 East St.; Business Agent, W. H. Brännan, 202 St. Louis St.

No. 706, International Falls, Minn.—Financial Secretary, Geo. Charters, Box 186.

(a) No. 707, Holyoke, Mass.—Meets second and fourth Tuesdays at Red Men's Hall, 205 High St. President, Chas. E. Hunter, 265 E. Dwight; Vice President, Wm. Lacey, 96 Chapin St.; Financial Secretary, P. O. Newmann, 4 Vernon St.; Recording Secretary, R. E. Deuver, 141 Monotuck St.; Treasurer, H. H. Bolter, 35 Willow St.

No. Sub-707, Holyoke, Mass.—Financial Secretary, E. S. Alden, 189 High St.

(a) No. 708, Brainerd, Minn.—Meets second Thursday of each month at Theviot Hall, S. 8th St. President, Charles R. Ilse, 223 Kindred St.; Vice President, Dean Wilson, Imperial Block; Financial Secretary, H. Roberts, 1702 E. Oak St.; Recording Secretary, A. Ansdahl, Iron Exchange Hotel; Treasurer, Otto Peterson, Windsor Hotel.

(g) No. 709, Philadelphia, Pa.—Meets first and third Mondays of every month in Lewer's Hall, 9th and Spring Garden. President, Chas. Eger, 2422 S. 15th St.; Vice President, W. E. Hartman, 145 Fitzgerald St.; Financial Secretary, W. V. Jas. Provence, 5352 Vocum St.; Treasurer, Matthew Pierce, 6644 Haddington St.

No. 710, Northampton, Mass.—Meets first and third Tuesdays, at Board of Trade hall, 59 Main St. President, Angus McKenzie, 15 Hampton Ave.; Vice President, Thos. Chaisson; Financial Secretary, Alfred Asher; Recording Secretary, Edward O'Neill, 24 Armory St.; Treasurer, Alfred Asher.

(a) No. 713, Chicago, Ill.—Meets first and third Tuesdays, at 365 W. Madison St. President, E. J. Long, 2422 Powell Park. Vice President, Aug. Prassel, 655 Aldine Ave. Financial Secretary, J. Schilt, 365 W. Madison. Recording Secretary, A. F. Long, 1433 S. 59th Ave, Cicero, Ill.; Treasurer, Wm. H. Dettman, 1806 N. Washtenau Ave.

(a) No. 714, Charleston, Mass.—Meets first Tuesday, at 5, third Tuesday at 8, at Owls' hall, 66 Main. President, H. F. O'Connell, 819 4th St. South Boston. Vice President, Geo. Rowe, 101 Homer St., East Boston. Financial Secretary, John A. Fisher, 17 Union Park, Boston. Recording Secretary, J. S. Cicilio, Fenno St., Revere. Treasurer, A. A. Valois, 133 Kimball Ave, Revere.

No. 716, Houston, Tex.—Meets Thursday at 1111½ Congress St. President, J. M. Stevens, 2009 Everett St.; Business Agent, K. Whaley, Box 395; Financial Secretary, W. J. Peters, 2006 Jefferson Ave.; Recording Secretary, E. N. Henshaw, 2105 Leeland Ave.; Treasurer, J. V. Shown, Houston Heights, Tex.

No. 717, Boston, Mass.—Meets first and third Tuesdays each month, at Wells Memorial Bldg., Washington St. President, R. E. Laidlow, 6 Louise Park, Roxbury, Mass. Vice President, J. E. McGrath, 285 East St., South Boston. Financial Secretary, W. J. Landry, 43 W. Newton St. Recording Secretary, P. F. Grout, 7 Wyman St., Jamaica Plain, Mass. Treasurer, A. J. Davis, 18 Fiheld St., Doschester, Mass.

No. Sub-717, Manchester, N. Y.—Meets first Toody.

(j) No. 718, Padukah, Ky.—Meets third Monday nights, at Central Labor hall, 3d Bdway. President, George Grim, 618 S. 11th; Vice President, H. M. Johnson, 5th Ky Ave.; Financial Secretary, Geo. G. Brown, 233 Clark St.; Recording Secretary, C. J. Elmendorf, 3d Adams; Treasurer, G. B. Brown, 433 Clark St.

(c) No. 719, Manchester, N. H.—Meets first and third Tuesday, at Wagner's Block, Manchester St. President, Chas. Wainer, 75 Sagamore St. Vice President, Ralph Farmer, 631 Front St. Financial Secretary, Geo. L. King, 96 Webster St. Recording Secretary, H. W. Davis, Box 361. Treasurer, Chas. Longa, 10 N. Adams.

(a) No. 720, Moherly, Mo.—Meets first and third Monday nights on 409 Reed St. President, G. F. Little, 409 Reed St.; Vice President, G. H. Headbrink, 527 Reed St.; Financial Secretary, B. W. Sanders, 115 S. 4th St.; Recording Secretary, Harry Solomon, 641 N. Ault St.; Treasurer, J. L. Rogers, 308 N. 4th St.

(c) No. 722, New Haven, Conn.—Meets second and fourth Thursdays at Trade's Council hall, Chapel St. President, John J. Brown, 23 Ward Place, West Haven Conn. Vice President, Frank Stocks, 485 Howard Ave. Financial Secretary, Harry Weston, 42 E. Pearl St. Recording Secretary, Max Boyers, 173 Kimberly Ave. Treasurer, George Saunders, 62 Whitney Ave.

(b) No. 723, Ft. Wayne, Ind.—Meets every Friday at Carpenters' Hall, 610 Calhoun St. President, J. Beulow, 1110 Spy Run Ave.; Vice President, A. Rood, 1215 Barr St.; Financial Secretary, A. C. Berger, 630 E. Washington St.; Recording Secretary, R. E. Deel, 115 W. Lewis St.; Treasurer, S. E. Evans, 1026 Huffman St.

No. 724, Utica, N. Y.—Meets fourth Sunday of the month, 2 p. m., at Labor Temple. President, F. A. Rockwell, 203 Steuben St. Vice President, F. A. McCracken, 61 Habort St. Financial Secretary, E. C. Stoddard, 85½ Cooper St. Recording Secretary, O. L. Weigel, 504 Neilson St. Treasurer, E. I. Griffith, 20 Gold St.

No. 725, Terre Haute, Ind.—President, H. G. Mercer, 306 S. 4th St. Financial Secretary, W. C. Stewart, 630 Cherry St.

(a) No. 726, Sault Ste. Marie, Ontario.—Financial Secretary, R. B. Johnston, 112 Pim St.

No. 727, Schenectady, N. Y.—Meets first and third Tuesdays of month, at Davidson Bldg., 246 State St. President, Chas. F. Klinefeimer, Craig, N. Y.; Vice President, Max Happner, 165 Jay St.; Financial Secretary, J. B. Lauder, 864 Stanley St.; Recording Secretary, J. G. Heneman, 425 Paige St.; Treasurer, Geo. Melber, 1427 Nott St.

(i) No. 728, Milwaukee, Wis.—Meets every Wednesday at Bristane Annex, 526 Chestnut St. President, Jack Horowitz, 702 10th St.; Vice President, Thos. Hirth, 2522 Lisbon Ave.; Financial Secretary, W. Steinkrauss, 1066 7th St.; Recording Secretary, A. S. Knapp, 525½ East Water St.; Treasurer, Sam Rabuchin, 772 9th St.

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